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Lancaster Farming

VOL. 30 No. 4 | Four Sections | Lancaster Farming, Saturday, December 1, 1984 | $7.50 per Year

Faith and Farming Network to be continued

Mennonite church and a farm located side-by-side in rural Lancaster County are symbolic of the Faith and Farming Conference attended by some 150 Mennonite farmers from throughout the U.S. and Canada at the Laurelville Mennonite Church Center at Mount Pleasant this week.

Mutual help offered for hard times

MT. PLEASANT — A gathering of Mennonite farmers who came together this week for a Faith and Farming Conference plan to remain in touch through an informal rural network to provide help and support for their fellow stewards of the land experiencing difficulties during these troubled agricultural times

"We want to keep this network at the grassroots farming level," explains Leon Good, Mennonite farmer from Lititz, Lancaster County, who participated in the conference and led some discussions.

"This network would be a vehicle to provide continuing help and support – primarily moral and spiritual – to farmers experiencing problems."

Good explains it is planned to organize the network at a regional level since the scope and type of problems in agriculture differ from area to area.

"We had farmers from the Midwest and Canada at our conference who farm 1,000 acres and consider themselves small," he explained.

"Our problems may be very different from area to area."

While the network would be continued by farmers themselves, it is expected that the Mennonite Central Committee at Akron, Pa. would be asked to serve as overall coordinator of the continuing effort.

Some 150 Mennonite farmers from throughout the U.S. and

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Late-night session moves ag legislation in Pa. Senate

HARRISBURG — Pennsylvania legislators, particularly state senators, got a taste this week of something that farmers are all too well familiar with – long hours of work.

Included in a late-night session on Wednesday that kept the Senate in session until the early hours of Thursday was some ag legislation.

The Senate passed the House amendment to the Pa. Milk Marketing Bill, which says that retail price-setting powers must be studied next year in order for the PMMB to continue in existence after Sunset review.

The Senate's PMMB vote was 47 to 1. The lone dissenter was from Pittsburgh naturally.

Two other ag bills that came over from the House passed by unanimous 48 to 0 votes.

The so-called Soil Conservation Bill contains a major change that gives Attorney General Office legal support to county conservation districts when they go out and enforce state DER regulations, such as those concerning sedimentation and erosion control.

Previously, county conservationists were pretty much out in the cold when they would enforce such state regulations on housing developments and the owner threatened them with trespass suits.

Also passed was the Fertilizer Bill, which reduces fines for the first offense of falsely representing fertilizer from 10 times the value of the deficiency in the formulation to five times the value. But the law drastically increases fines for second and subsequent offenses to prevent repeat violations.

House concurrence on Senate Sunset legislation to continue the Farm Show Commission was also expected.

Bedford Countian wins Alfalfa Growers' Program

BEDFORD — J. Allen Baker, a Bedford County dairyman, earned the first place award last week in the 1984 Alfalfa Growers' Program. Winners of the contest, sponsored by the Pa. Forage and Grassland Council, were recognized Nov. 20 at the Pa. Forage Conference at the Mountain View Hotel, Westmoreland County.

Baker's winning yield was 10.2 tons per acre of hay equivalent, 4456 pounds of crude protein per acre and 11,188 pounds TDN. The pure stand of alfalfa was grown on 10 acres of Hagerstown soil.

This is the second year that Baker has won the state-wide alfalfa contest. In 1982 he earned first place with a yield of 10.1 tons hay equivalent, 4014 pounds protein and 11,488 pounds TDN.

Assistant Bedford County Agent John Fair, who certified this year's yield, noted that the yields from Baker's other fields correlated closely with the contest field. Baker farms about 600 acres, with more than 280 acres in hay.

"He harvested hay every four weeks, beginning May 28th," said Fair. "That was his success, timing himself just about perfectly for the season."

A top dairyman in Bedford County as well, Baker has a herd of 120 registered Holsteins with a rolling herd average of 19,240 lbs. of milk with 725 lbs. butterfat.

Second place winner of the Alfalfa Growers' Program was Wilmer Rohrer and Sons, Lancaster County, with 9.5 tons per acre hay equivalent, 3815 lbs. protein and 9896 lbs. TDN.

Herman Espy, Huntingdon County, had a yield of 8.1 tons per acre, 3531 protein, and 8865 TDN, which earned him the third place award. In 1981 Espy placed first in the alfalfa contest.

In fourth and fifth place were Eugene Moser and William England, respectively. Moser, of

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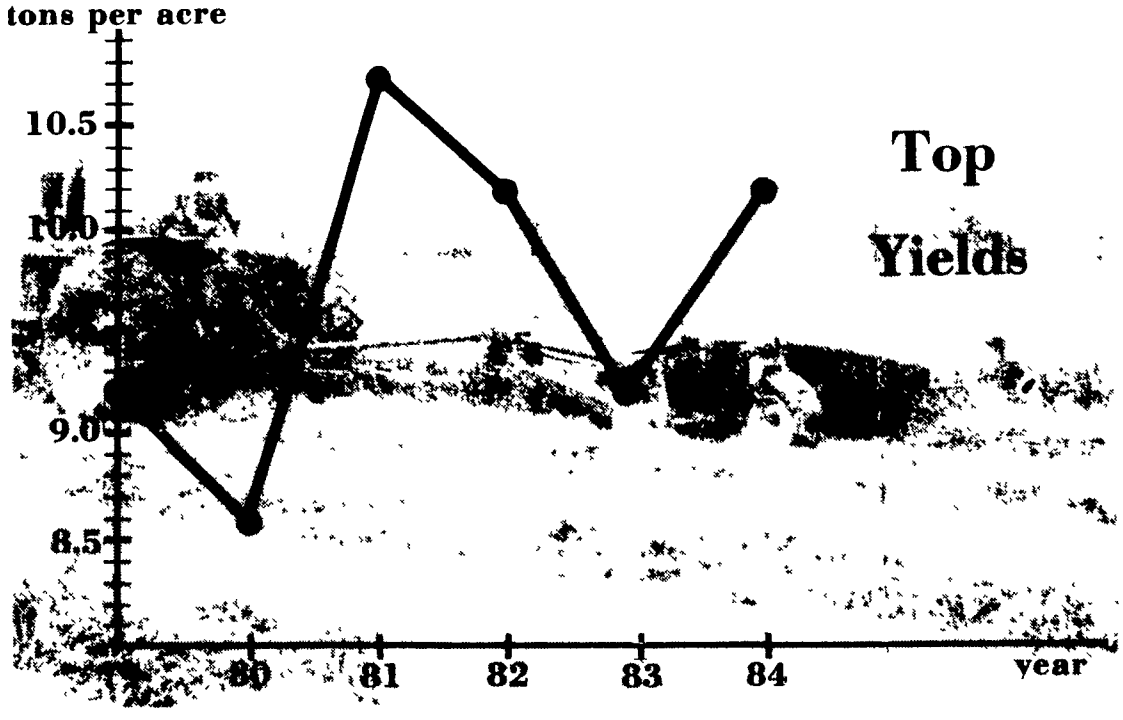

Livestock market and auction news

Lancaster Market

Monday, Nov. 26, 1984
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	1289	157	1044	605
Last Monday	657	161	922	572
Last Year	840	136	945	189
Monday's Auction	1171	164	1045	565
Last Monday's Auction	632	176	804	579

CATTLE: Compared to last Monday; slaughter steers steady to mostly 50 lower, instances 1.00 lower; slaughter heifers steady to 1.00 lower; cows weak to 1.00 lower; bullocks scarce; bulls steady. Supply included 66% slaughter steers, 10% slaughter heifers, 16 % cows, and 8% bulls.

SLAUGHTER STEERS: Few high Choice and Prime 2-4 1200-1350 lb. 70.00-72.00; 12 head 1295-1470 lb. 72.25-73.00; Choice 2-4 1075-1350 lb. 67.00-70.00; high Good and low Choice 2-3 1050-1350 lb. 64.50-67.50; Good 2-3 1100-1325 lb. 63.00-68.00, few 850-1050 lb. 57.00-63.00; Good and Choice 1150-1425 lb. Holsteins 52.50-56.50, few Choice 56.75-61.25, Standard 1150-1350 lb. many sold as feeders 45.75-49.75.

SLAUGHTER HEIFERS: Choice 2-3 900-1150 lb. 61.00-65.50, few Choice 2 65.50-67.50; Good 2-3 900-1125 lb. 54.75-60.00, few 800-900 lb. 53.50-56.00; few Good to Commercial 950-1150 lb. heiferettes 40.75-48.00.

COWS: Breaking Utility and Commercial 2-4 38.00-39.50, few 39.50-40.50; Cutter and Boning Utility 1-3 34.00-38.00, few 38.50-39.00; Canner and low Cutter 31.00-34.00.

BULLOCKS: Good 1-2 900-1100 lb. 52.00-54.00; individual Choice 3 1300 lb. 58.75.

BULLS: Yield grade 1 1300-2035 lb. 47.00-51.75, couple 53.50-54.75; yield grade 2 1125-2100 lb. 44.00-47.00.

VEAL CALVES: Vealers mostly steady; slaughter calves 2.00-5.00 higher. Demand only fair for Holstein bulls to return to farm.

VEALERS: Few high Choice and Prime 225-325 lb. 100.00-110.00; Choice 200-300 lb. 80.00-95.00; high Good and low Choice 160-280 lb. 65.00-75.00; Good 150-250 lb. 55.00-65.00; high Good and low Choice 120-160 lb. 50.00-70.00, 80-115 lb. 35.00-50.00.

SLAUGHTER CALVES: Good and Choice 250-450 lb. 40.00-50.00.

RETURNED TO FARM: Few 95-120 lb. Holstein bulls 60.00-70.00.

SHEEP: Wooled lambs uneven, Choice and Prime mostly steady, Good steady to 1.00 higher; slaughter ewes mostly steady. Supply included around 320 goats.

WOOLED LAMBS: Choice and Prime 90-115 lb. 64.00-67.00; Choice 75-105 lb. 62.00-65.00; Good 50-90 lb. 57.00-63.00.

SLAUGHTER EWES: Utility and Good 15.00-30.00, mainly 18.00-25.00.

GOATS: All goats sold by the head; large mature goats mainly 40.00-51.00; medium sized goats 25.00-40.00; small, mainly kids, 15.00-25.00.

Vintage Market

Tuesday, Nov. 27, 1984
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	756	1058	24	9
Last Tuesday	617	965	24	16
Last Year	1089	1008	13	2

CATTLE: Compared to last Tuesday slaughter steers 2.00-3.00 lower; slaughter heifers scarce; cows steady to 1.00 lower, with Breaking Utility and Commercial mostly 1.00 lower; bulls steady on small supply. Supply included 40 percent slaughter steers and 53 percent cows.

SLAUGHTER STEERS: Six head high Choice and Prime 2-4 1200-1350 lb. 71.00-73.75; six head Good and Choice 1-2 1175-1375 lb. 70.75-73.75; Choice 2-4 1075-1450 lb. 67.00-71.00; high Good and low Choice 2-3 1000-1350 lb. 64.00-67.00; Good 2-3 1000-1250 lb. 60.00-64.00; few Good and Choice 1150-1450 lb. Holsteins 51.75-55.50.

COWS: Breaking Utility and Commercial 2-4 36.75-40.25, couple 40.75-42.25; Cutter and Boning Utility 1-3 34.25-38.00, few 38.00-40.25; Canner and low Cutter 30.00-34.00.

BULLS: Few yield grade 1 1400-1900 lb. 48.00-51.00; couple yield grade 2 1100-1450 lb. 46.00-48.00.

VEAL CALVES: Vealers 2.00-5.00 lower. Supply included 702 in graded sale of which 60 percent sold to return to farm.

VEALERS: Couple Choice 190-300 lb. 76.00-89.00, individual 215 lb. 100.00; high Good and low Choice 120-240 lb. 54.00-70.00, 90-115 lb. 40.00-45.00, 80-90 lb. 38.00-44.00, 70-80 lb. 35.00-39.00, few 55-70 lb. 30.00-35.00.

RETURNED TO FARM: 40 head 100-115 lb. Holstein heifers 46.00-47.00. 250 head 100-125 lb. Holstein bulls 67.00-74.00, 50 head 90-95 lb. 58.00-59.00; 85 head small frame 90-105 lb. 44.00-45.00.

SHEEP: Insufficient volume for a market test. Couple Choice 85-110 lb. wooled lambs 58.00-65.00; few Utility and Good slaughter ewes 12.00-22.00.

GOATS: All goats sold by the head, mainly 15.00-22.00, with three small kids 10.00.

Lancaster Auction

Wednesday, Nov. 28, 1984
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	236	60	570	3
Last Wednesday	222	17	316	16
Last Year	494	83	719	20
Wednesday's Auction	126	60	541	3
Last Wednesday's Auction	52	17	322	0

CATTLE: Compared to Monday; slaughter steers 1.00-2.00 lower; few cows weak to 1.00 lower; slaughter heifers and bulls not tested. Supply included 50 percent slaughter steers and 33 percent cows.

SLAUGHTER STEERS: Choice 2-4 1100-1350 lb. 65.00-67.25; Good to low Choice 2-3 1040-1150 lb. 61.75-65.00.

COWS: Cutter 1-2 35.00-36.00; couple Boning Utility 2-3 37.00-38.00; Canner and low Cutter 31.25-32.50.

BULLS: Couple yield grade 1 1200-1700 lb. 49.75-52.00.

VEAL CALVES: Supply included 20 head Prime special fed bought to arrive; balance mainly high Good and low Choice 80-110 lb. selling at 35.00-50.00.

SHEEP: No market test.

New Holland Livestock

Thursday, November 29

CATTLE: 944. Trends not comparable because no market last Thursday. Supply included 30 percent slaughter steers, 7 percent slaughter heifers, 52 percent cows, 5 percent bulls with the balance feeders.

SLAUGHTER STEERS: Few head high Choice and Prime 2-4 1200-1375 lb. 68.10-69.75; Choice 2-4 1100-1400 lb. 66.00-68.25; high Good and low Choice 2-3 1000-1400 lb. 62.75-66.00; Good 2-3 1000-1300 lb. 60.00-63.50; Good and Choice 1150-1400 lb. Holsteins 51.75-55.00; Standard 1075-1350 lb. 46.00-51.00.

SLAUGHTER HEIFERS: Choice 2-3 925-1175 lb. 61.50-66.00, few head high Choice and Prime 2-3 1050-1175 lb. 66.50-68.50; Good 2-3 900-1100 lb. 58.00-61.00.

COWS: Breaking Utility and Commercial 2-4 37.50-40.00, few 40.25-42.75; Cutter and Boning Utility 1-3 34.00-38.50, few 38.50-40.00; Canner and low Cutter 30.75-34.25.

BULLOCKS: Good 2-3 1000-1250 lb. 56.00-59.00, individual Choice 3 1250 lb. 64.25.

BULLS: Yield grade 1 1350-1700 lb. 50.25-53.00; yield grade 2 1000-1400 lb. 45.00-51.00.

VEAL CALVES: 818. Trend not comparable, no market Thanksgiving Day.

VEALERS: High Choice and Prime 240-350 lb. 99.00-108.00; Choice 220-350 lb. 80.00-99.00; high Good and low Choice 200-350 lb. 55.00-75.00; Good 200-370 lb. 40.00-55.00, few 33.00-40.00; high Good and low Choice 120-200 lb. 45.00-65.00, 80-110 lb. 36.00-45.00.

RETURNED TO FARM: Bulk 90-115 lb. Holstein bulls 58.00-70.00, few 75.00-81.00.

SHEEP: 85. No trend.

WOOLED LAMBS: Choice 75-lb. 62.00-68.00; Good 50-90 lb. 55.60.00, few Good 45-60 lb. bu lambs 69.00-85.00.

SLAUGHTER EWES: Util and Good 18.00-30.00.

GOATS: 44. All goats sold by head, mainly 24.00-39.00, six he 40.00-47.00, couple 51.00-56.00.

Lancaster County Weekly

Friday, November 30
Report Supplied by PDA

	Cattle	Calv
This Week	3400	210
Last Week	1747	112
Last Year	4812	201

CATTLE: Slaughter steers 1.0 2.00 lower, instances 3.00 lowe than last week's high time slaughter heifers steady to 1. lower; cows steady, instances 1. lower; bullocks scarce; bull generally steady, although closin sales 1.00-2.00 higher. Supply u cluded 42 per cent slaughter steer 7 per cent slaughter heifers, 33 pe cent cows, 5 per cent bulls, balanc feeders.

SLAUGHTER STEERS: Fe high Choice & Prime 2-4 1200-137 lbs. 68.00-72.00, with around 2 head 72.25-73.75; Choice 2-4 1075 1450 lbs. 66.00-70.00, few early par of week 70.00-71.00; high Good low Choice 2-3 1000-1300 lbs. 62.7 66.00; Good 2-3 1000-1300 lbs. 60.0 64.00, few 850-1050 lbs. 57.00-63.00 Good & Choice 1150-1450 lb holsteins 51.75-56.50, Standar 1075-1350 lbs. 45.75-51.00.

SLAUGHTER HEIFERS Choice 2-3 900-1175 lbs. 61.00-66.0 few head high Choice & Prime 2- 1050-1175 lbs. 66.00-68.50; Good 2- 900-1100 lbs. 55.00-60.00, few 800-90 lbs. 53.50-56.00; few Good t Commercial 950-1150 lb heiferettes 40.75-48.00.

COWS: Breaking Utility & Commercial 2-4 37.50-40.25, few 40.50-42.75, Cutter & Boning Utility 1-3 34.00-38.50, few 38.50-40.25, Canner & low Cutter 30.00-34.25.

BULLOCKS: Good 1-2 900-1250 lbs. 52.00-58.50, couple individual Choice 3 1200-1300 lbs. 59.00-64.25.

BULLS: Yield Grade 1 1350-1700 lbs. 47.00-53.00, late mainly 50.00-53.00, couple 53.50-54.75; Yield Grade 2 1100-2100 lbs. 44.00-51.00.

VEAL CALVES: Vealers mostly steady; slaughter cows 2.00-5.00 higher. Demand good for holstein bulls to return to farm.

VEALERS: High Choice & Prime 220-350 lbs. 99.00-110.00, Choice 200-300 lbs. 80.00-99.00; high Good & low Choice 200-350 lbs 60.00-75.00; Good 150-370 lbs. 40.00-60.00, few 33.00-40.00; high Good & low Choice 120-200 lbs. 45.00-70.00, 80-115 lbs. 35.00-50.00, few 50-80 lbs 30.00-39.00.

SLAUGHTER CALVES: Good & Choice 250-450 lbs. 40.00-50.00.

RETURNED TO FARM: Bulk 90-120 lb. holstein bulls 58.00-74.00, few 74.00-81.00, several small frame 90-105 lbs. 44.00-55.00, few 100-120 lb. holstein heifers 46.00-50.00.

Joliet Cattle

Wednesday, November 29
Report Supplied by USDA

CATTLE: Friday through Wednesday's salable receipts 1,900; 4 days last week 1,846, same period a year ago 3,493. Trading moderate for the week. Slaughter Steers steady to .50 lower, few instances 1.00 lower compared with Wednesday of last week. Slaughter Heifers ended the week steady to instances .50 lower.

SLAUGHTER STEERS: Choice few prime 3-4 1250-1325# 69.00-70.00 Monday. Choice 2-4 1050-1475# 65.50-69.00, mostly 66.50-69.00 Monday, few loads 1100-1200# 66.00-66.25 Wednesday. Mixed Good and Choice 2-3 1000-1200# 64.00-66.00.

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11:00 A.M. — Veal Calves, Lambs, Hogs
TUESDAY
10:00 A.M. — Slaughter Hogs
1:00 P.M. — Feeder Pigs
WEDNESDAY
8:00 A.M. — Slaughter Hogs
10:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. — Veal Calves, Lambs, Hogs
12 NOON — Slaughter Sale Load Lot (5 or more)
FRIDAY
11:00 A.M. — Stocker and Feeder Cattle
SATURDAY
8:00 A.M. — Slaughter Hogs

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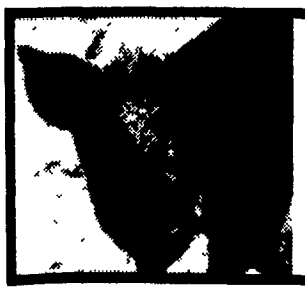

HOG MARKETS

New Holland Feeder Pigs

New Holland, Pa.
Wednesday, November 28
Report supplied by USDA

Today	637
Last Wednesday	548
Last Year	504

Trend: Compared to last Wednesday feeder pigs 3.00-8.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 45 head 26-39 lbs. 108.00-118.00; 181 head 40-49 lbs. 95.00-110.00; 20 head 51 lbs. 108.00; 75 head 54-59 lbs. 85.00-94.00; 82 head 61-80 lbs. 70.00-83.00; 12 head 92 lbs. 65.00.

US 2-3: 45 head 25-39 lbs. 94.00-112.00; 85 head 40-59 lbs. 81.00-98.00; 13 head 60-87 lbs. 68.00-77.00.

New Holland Hogs

New Holland Sales Stables
Monday, November 26
Report supplied by USDA

Today	1373
Last Monday	1330
Last Year	1443

TREND: Compared to last Monday barrows and gilts 1.50-2.00 higher.

BARROWS AND GILTS: US 1-2 210-250 lb. 53.50-54.25. US 1-3 210-260 lb. 52.50-53.50.

Lancaster Hogs

Lancaster Stockyards
Saturday, November 24
Report supplied by auction

US 1 220-250 lbs. 54.00-55.00; US 1 & 2 220-250 lbs. 53.00-54.00; US 1 & 3 220-250 lbs. 52.00-53.00; Sows over 500 lbs. 45.00-45.50; under 500 lbs. 37.00-43.00; Boar Hogs over 375 lbs. 32.75-34.00; under 300 lbs. 34.00-38.50. Total head - 850.

Westminster Feeder Pigs

Friday, Nov. 23, 1984
Report Supplied by Auction

717 Pigs: Compared to last month, prices were $10.00-30.00 per hundred higher on all grades and weights. All pigs weighed on arrival and sold by the pound.

Grade 1&2: 41 head 33-38 lb. 114-121; 45 head 38 lb. 96-106; 19 head 49 lb. 110; 184 head 42-49 lb. 95-105; 12 head 151 lb. 102; 98 head 51-58 lb. 91-94.50; 8 head 53-58 lb. 81-84; 87 head 60-67 lb. 73-86; 42 head 70-79 lb. 71-74; 34 head 80-85 lb. 73-73.50.

Grade 1: 14 head 100-110 lb. 60-65.

Grade 2: 38 head 29-34 lb. 94-109; 75 head 40-46 lb. 89-106.

Grade 2&3: 16 head 27-38 lb. 59-90.

Lancaster Hogs

Lancaster Stockyards
Monday, November 26
Report supplied by USDA

HOGS: Compared to last Wednesday barrows and gilts 1.00-1.50 higher.

BARROWS AND GILTS: US 1-2 210-250 lb. 52.75-53.60. US 1 Few 210-250 53.75-54.50. US 1-3 210-255 lb. 51.60-52.75, 255-270 lb. 50.50-51.50.

Tuesday, November 27

Today	144
Last Tuesday	148
Last Year	193

TREND: Compared to Monday barrows and gilts .50-1.00 lower.

BARROWS AND GILTS: US 1-2 210-240 lb. 51.75-52.60. US 1-3 200-260 lb. 51.00-51.75.

Wednesday, November 28

HOGS: Compared to Tuesday barrows and gilts .50, instances 1.00 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 51.50-52.00, few 52.00-52.50. US 1 210-250 lb. 52.50-54.00. US 1-3 200-260 lb. 49.75-51.00.

Indianapolis Hogs

Thursday, November 29
Report supplied by USDA

1100. Barrows & Gilts moderately active, steady to .25 lower; decline mostly on weights under 250#.

BARROWS & GILTS: US 1-2 220-250 lb. 50.75 to mostly 51.00, Lot near 270 lb. 49.25, Shipment around 295 lb. 57.75.

SOWS: Active, steady to 1.00 lower, instances 2.00-3.00 lower on weights over 500 lb. (7%) US 1-2 & Medium Few 400-500 lb. 39.50. US 1-3 400-500 lb. 40.00; 500-630 lb. 40.00-43.00, small lot 46.00.

BOARS: Few over 400 lb. 35.00-36.00; others scarce.

St. Louis Hogs

Thursday, November 29
Report supplied by USDA

4500. Barrows & Gilts moderate, steady to .50 lower.

BARROWS & GILTS: US 1-2 210-250 lb. 49.75-50.25; 250-260 lb. 49.25-49.75. US 1-3 200-250 lb. 49.00-49.50; 260-270 lb. 48.50-49.00.

SOWS: Under 500 lb. steady to .50 lower; over 500 lb. steady. (About 10%) US 1-3 300-500 lb. 41.00 to mostly 41.50; over 500 lb. 42.00-44.00.

BOARS: Over 250 lb. 37.50; under 250 lb. 38.50.

Lancaster Feeder Pigs

Tuesday, November 27
Report supplied by USDA

Today	491
Last Tuesday	630
Last Year	847

TREND: Compared to last Tuesday feeder pigs weak to 3.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 12 head 24-25 lbs. 107.00-109.00; 48 head 30-39 lbs. 92.00-103.00; 158 head 40-49 lbs. 86.00-98.00; 143 head 50-59 lbs. 83.00-89.00; 26 head 60-62 lbs. 77.00-84.50; 5 head 84 lbs. 61.00.

US 2-3: 6 head 38 lbs. 95.00; 20 head 43-47 lbs. 80.00-85.00; 19 head 52-59 lbs. 76.00-79.00; 6 head 63 lbs. 73.00; 6 head 86 lbs. 62.00.

Peoria Hogs

Thursday, November 29
Report supplied by USDA

3500. Barrows & Gilts moderately active, .50 lower instances .75 lower.

BARROWS & GILTS: US 1-2 210-250 lb. 49.50-50.00. US 1-3 200-250 lb. 48.00-49.50.

SOWS: Under 500 lb. 1.50-2.00 lower; over 500 lb. .50-1.00 lower. (15%) US 1-3 350-500 lb. 39.50-40.00, few 40.50; 500-650 lb. 40.50-41.00, few 41.50.

BOARS: Over 350 lb. 38.00-38.25; 250-350 lb. few 37.00; under 250 lb. 38.50.

East Coast Carlot

Thursday, November 29
Report supplied by USDA

Compared to Tuesday's close: Prime Special Fed Veal slow. Good and Choice Boning Veal generally steady with sales earlier in the week, inshipped untested. Choice and Prime Lamb slow, generally steady undertone. Beef Trimmings 1.50 lower than last week.

Veal Beef
Prime (Special Fed)
Hide On 150 Head
220-280 lbs. 150.00, steady.
Good & Choice
Boning Type
Hide On

NORTHEASTERN SUPPLIERS: 65-75 lbs. 74.00-77.00, generally steady; 55-64 lbs. 72.00-75.00; 45-54 lbs. 70.00-73.00; 35-44 lbs. 68.00-71.00; 34 lbs. down 66.00-69.00.

INSHIPPED: No test.

Beef Trimmings
3 Loads

50% Chem Lean, Fresh 51.50, 1.50 lower.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock

	CATTLE	CALVES	HOGS	SHEEP
Week To Date (Est.)	554,000	48,000	1,398,000	104,000
Same Pd. Lt. Wk. (Est.)	415,000	38,000	1,042,000	77,000
Same Pd. Lt. Yr. (Act)	496,000	51,000	1,439,000	95,000

Chicago Grain Futures

(Closing Bids as of Thursday, November 29)

Mo.	Corn	Wheat	Soybeans	Soybean Meal
Dec.	2.65¼	3.55¾		148.90
Jan.			6.04½	152.20
March	2.77¾	3.54¾	6.19¼	158.30
May	2.85	3.49½	6.32¼	163.60
July	2.89¼	3.39½	6.42¾	168.50
Aug.			6.43	170.00
Sept.	2.86½	3.44½		

Trends - Corn - Sideways; Wheat - Sideways; Soybeans - Sideways; Soybean Meal - Sideways.

Futures Trading

(Closing Bids as of Thursday, November 29)

Mo.	Chicago Cattle	Chicago Hogs	NY Maine Potatoes
Dec.	67.42	52.35	
Feb.	66.45	53.00	
April	68.05	48.95	
May			4.13
June	67.65		
July		53.15	
Aug.	65.77	50.37	
Oct.	63.40		

Trends - Cattle - Stronger; Hogs - Sideways.

LAMB CONSIGNORS

An Important Notice

With Christmas on Tuesday, December 25, 1984, we recommend that your lambs for the Christmas trade be consigned on Monday, December 17, 1984. All lambs will be sold at auction beginning at 10:00 A.M. and will be sorted and weighed upon arrival.

KEEP IN MIND this Monday for consigning your lambs - December 17, 1984 - and your consignments are respectfully solicited. Sorting and weighing will begin at 5:00 A.M.

Walter M. Dunlap and Sons
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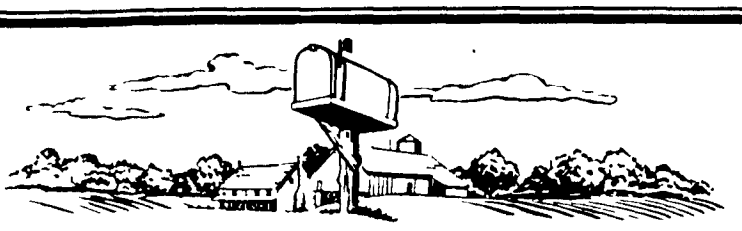

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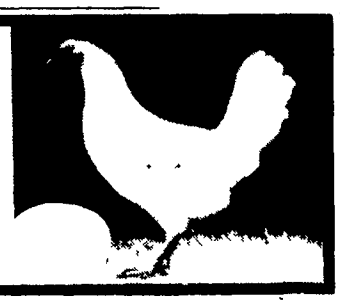
POULTRY MARKETS



Weekly New York Egg Market

From Friday, November 16 to Thursday, November 21

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	.87	.87	.85	.83	.83
Ex. Large	.81	.81	.79	.77	.77
Large	.79	.79	.77	.75	.75
Medium	.65	.65	.67	.68	.68
Pullets	.51	.51	.52	.52	.52
Off Grade	.69	.69	.67	.65	.65
BROWN					
Jumbo	—	—	—	—	—
Ex. Large	.96	.96	.96	.96	.96
Large	.93	.93	.93	.93	.93
Mediums	.69	.69	.69	.69	.69
Pullets Unquoted					
Peewees Unquoted					
Off Grade					
Undergrades	.39	.39	.39	.37	.37
Checks	.37	.37	.37	.35	.35

Breaking Stock: Friday - 13.50-14.40, 13.80-14.40; Tuesday 13.20-14.10; Wednesday - 13.80-14.40, 12.90-13.20.

Eastern Pa. & N.J. Poultry

Wednesday, November 28
Report supplied by USDA

Market Comment: Prices were ½ cent higher. Offerings of live were light but sufficient to keep plants working near normal schedules. Finished product demand was fairly good.

Prices Paid at Farm:

Light Type Hens: 11-12.

F.O.B. Plant: 15-15½, mostly 15½.

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Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, November 27
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range .68-.86 per lb.

MUSCOVY DUCKS, HENS: range .40-.54 per lb.

PEKIN DUCKS: range .25-.36 per lb.

RED FOWL: 4-5 lbs. range .10-.18 per lb.

RED FOWL: 5-6 lbs. range .16-.32 per lb.

CROSSBRED FOWL: 5-9 lbs. range .15-.28 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .30-.54 per lb.

CROSSBRED ROOSTERS: 7-11 lbs. range .30-.56 per lb.

GUINEA FOWL: range 1.35-1.60 per lb.

BANTY ROOSTERS: range 1.00-2.50 ea.

BANTY HENS: range .25-.75 ea.

LEGHORN HENS: .07-.09 per lb.

LEGHORN ROOSTERS: .15-.30 per lb.

GEESE: 8-15 lbs. range .26-.66 per lb.

PIGEONS: range 1.00-1.50 ea.

WHITE PIGEONS: range 1.25-1.75 ea.

DOVES: 1.25-2.50 ea.

RABBITS: 4-6 lbs. range .32-.86 per lb.

RABBITS: 7-11 lbs. range .30-.56 per lb.

BUNNIES: .50-1.50 ea.

GUINEA PIGS: range .25-1.50.

GOATS: range 17.00-42.00 ea.

KID GOATS: range 14.00-30.00 ea.

Total Numer Coops: 765.

New York Multiple Drop Broiler Report

Thursday, November 29
Report supplied by USDA

Current broiler-fryer negotiated prices for immediate delivery includes mostly multiple drop shipments to New York City from Delmarva.

Range: U.S. Grade A .44-.53.

Weighted AVG.: U.S. Grade A 50.44.

Premium (X) Boxes 10,287.

(X) Includes special services, selected competitive brands, etc.

N.E. Weekly Shell Egg Report

Tuesday, November 27
Report Supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to r stores:

	Ex. Large	Large	Medium	Small
MASS. X	1.03-1.07	.98-1.00	.81-.83	.55-.5
Mostly	1.03	.98	.81	.55
N. HAMP.	.91-.95	.87-.91	.73-.77	.44-.4
Mostly	.93-.94	.89-.90	.75-.76	.46-.4
R.I.	.94-1.00	.90-.96	.74-.80	.45-.5
Mostly	.94-.95	.90-.91	74-.75	.45-.4
VERMONT	.99-1.08	.94-1.04	.79-.88	—
Mostly	1.08	1.04	.88	—
MAINE	.98-1.05	.94-1.01	.80-.85	.52-.5

X Includes Central and Western Sections only.

Philadelphia Eggs

Thursday, November 29
Report supplied by USDA

Market Comment: Prices are unchanged to lower on large and extra large, unchanged to higher on mediums. Cartoned egg movement was light to occasionally fair. Extra large are adequate to fully adequate and some scattered lots were available. Floor stocks of large were adequate to ample. Graded loose large were easy to obtain locally and class 1's were also available but not to the extent of graded loose. Mediums were adequate to fully adequate and could be found, if needed, from local sources.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large .74-.78; A Large .73-.77; A Medium .58½-64.

Delmarva Poultry

Thursday, November 29
Report supplied by USDA

Market Comment: Movement on ready to cook whole birds was slow to occasionally fair. Current production was still difficult to clear in some quarters while others had fair clearances due to some prior commitments. Parts movement was sluggish and all items were ample particularly rib breasts.

The overall slaughter was moderate. Live supplies were adequate. Weights remaine heavier than desirable in most a quarters. Undertone was weak.

Today's L.T.L. asking prices ar .02 lower on U.S. Grade A at .45-.5 cents, and discounting remain prevalent.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 11/29 1,923,000; Actual 11/22 holiday; Actual 11/27 1,607,000; Average Weights 11/27 4.42; Average Weights 11/20 4.33.

New Holland Horse

New Holland Sales Stables
Monday, November 26
Report supplied by auction

Report receipts of 288 head of horses, mules and ponies. Market: steady.

LOCAL:

Better horses 275.00-400.00, few registered 560.00-650.00.

Driving horses 225.00-925.00.

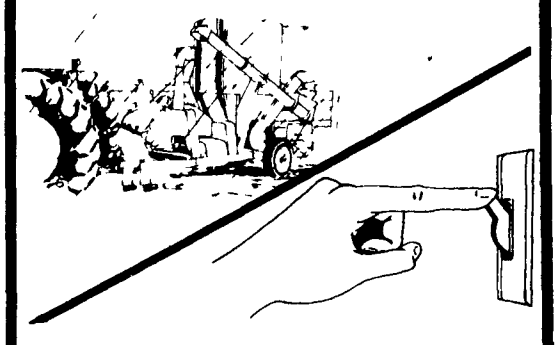
Riding horses 150.00-250.00.

Lightweight killers 125.00-200.00; Heavyweight killers 250.00-350.00.

Mare ponies 25.00-65.00; Colts 10.00-20.00; Gelding ponies 25.00-65.00.

Larger ponies 75.00-170.00.

WINTER JOYS?



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BROILERS

Make Plans To Attend - Pennfield Dairy Management Meetings

Gettysburg
Monday, Dec. 17

Lancaster
Tuesday, Dec. 18

State College
Thursday, Dec. 20

Milk, Coffee and Donuts 9:30 A.M.

Program Begins Promptly at 10:00 A.M. — Adjourns Promptly at 2:30 P.M.

Featured Speakers

Dr. Brian Perkins
Manager of Dairy & Livestock Nutrition
Pennfield Corporation

Dr. Brian Perkins, Ph.D. is Manager of Dairy and Livestock Nutrition for Pennfield Corporation. He is a graduate of Cornell University where he specialized in Reproductive Physiology and Ruminant Nutrition.

Dr. John Baylor
Professor Emeritus of Agronomy
Extension
Penn State University

Dr. John Baylor, Ph.D. is Professor Emeritus of Agronomy Extension at Penn State University. He is a member of the American Society of Agronomy (ASA) and serves on the Board of Directors of the American Forage and Grassland Council (AFGC).

TOPICS TO BE DISCUSSED

Dr. Brian Perkins
- ENERGY UTILIZATION IN THE COW.
- FATS, CARBOHYDRATES, AND RUMEN PARTITIONING.
- FEEDING STRATEGY TO PREVENT KETOSIS
- FEED AND FORAGE MANAGEMENT FOR PEAK MILK PRODUCTION.

Dr. John Baylor
- HOW TO IMPROVE ALFALFA QUALITY AND TONNAGE.
- IMPROVING THE ENERGY YIELDS OF FORAGES.
- LAND MANAGEMENT FOR MAXIMUM PRODUCTIVITY.
- SHOULD YOU PLAN ON MAKING HAY OR HAYLAGE?
- HARVESTING, PRESERVING, AND STORING FORAGES FOR QUALITY FEED.

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pennfield feeds

Quality - Performance - Service

King's Auction
Kirkwood, Pa.
Tuesday, November 27
Report supplied by Auction

Alfalfa (moldy) 85.00; Mixed hay 90.00-100.00; Timothy 100.00-106.00; Corn Fodder 46.00; Firewood 30.00-40.00/pickup.

Please note: No sale will be conducted on Christmas and New Year's Day, Dec. 25, and Jan. 1.

Leinbach's Hay
Shippensburg, Pa.
Tuesday, November 27
Report supplied by auction

Alfalfa 75.00-127.00; Timothy 60.00-100.00; Bromegrass 93.00; Mixed hay 57.00; Clover 54.00; Straw 57.50-87.00; Mulch hay 49.00-55.00; Firewood 35.00/pickup.

Good's Hay
Leola, Pa.
Wednesday, November 28
Report supplied by auction

88 loads.

Mixed Hay, 80.00-129.00; Straw, 106.00-130.00; Timothy, 98.00-120.00; Alfalfa, 90.00-130.00; New Corn, 73.00-81.00; Old Corn, 139.00, 143.00.

Clover, 92.00; Corn Fodder, 51.00; Stubble Hay, 85.00.

New Holland Hay
New Holland Sales Stables
Monday, November 26
Report supplied by auction

98 lds. Market steady; a few top lds. Alfalfa higher.

Alfalfa, #1 grade, 160.00-185.00, #2, 100.00-150.00, #3, 72.00-100.00; Alfalfa Timothy, #2 grade, 100.00-125.00; Clover Timothy Mix, 1 ld. #1, 150.00, #2, 100.00-126.00, #3, 69.00-100.00.

Timothy, #1 grade, 128.00-144.00, #2, 100.00-125.00, #3, 82.00-100.00; Clover, #2, 77.00-112.00; Orchard Grass, 90.00-110.00; Straw, #1 grade, 100.00-128.00, #2, 83.00-100.00.

Ear Corn, new, 73.00-76.00; Corn Fodder, 50.00-58.00, 1 ld., 65.00; Soybean Stalks, 49.00-53.00; Wood, 35.00-39.00 (sm. lds.); Shelled Corn, 2.80 bu.; Wheat, 3.45 bu.

Frederick Co. Hay
Buckeystown, Md.
Thursday, Nov. 29
Report supplied by auction

23 loads; market steady to strong; demand good.

Alfalfa, 5 loads, fair to good, 127.50 - 145.00; Timothy 7, fair to good, 110.00-131.00; Timothy and Clover 101.00; Mixed 102.50; Orchardgrass 75.00; Mulch 31.00; Straw 4, 95.00-105.00; Corn fodder 40.00-41.00; one load good oak firewood 89.00 per cord.

Regional Hay
Friday, November 23
Report supplied by PDA

(All Hay No. 2 and better, prices paid by dealers at the farm and per ton.)

Hay and Straw steady.

Alfalfa 80.00-100.00, few 110.00; Mixed Hay 75.00-90.00, few 100.00; Timothy Hay 70.00-90.00, few 100.00; Straw 65.00-85.00; Mulch 25.00-40.00.

Green Dragon Hay
Friday, November 23
Report supplied by PDA

71 Loads Hay and 15 Loads Straw.

Alfalfa 91.00-128.00; Mixed hay 71.00-107.00, few 131.00; Timothy hay 80.00-100.00, few to 129.00; Clover, few 80.00-100.00; Orchard grass, 2 loads 70.00 & 110.00; Straw 81.00-139.00, mostly 91.00-111.00; Ear Corn, 7 loads 69.00-91.00; Corn Fodder, one load 62.00; Stubble hay, 2 loads 70.00 & 80.00.

Pa. Grain
Monday, November 26
Report supplied by PDA

* MANY REPORTERS CLOSED DUE TO THE FIRST DAY DEER SEASON.

Compared with last Monday's market for Southeastern, Central and South Central, PA. Corn and Barley steady to weak; Wheat unevenly steady; New Ear Corn and Oats mostly steady.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pennsylvania

Corn No. 2-y range 2.70-2.95, average 2.81, '85 Crop* 2.80-2.86; Wheat No. 2 range 3.40-3.90, average 3.66, '85 Crop* 3.32-3.50; Barley No. 3 2.20-2.40, few reported 2.00, average 2.26, '85 Crop* 2.00-2.10; Oats No. 2 1.80-2.00, average 1.95; Soybeans No. 1 5.80-5.87, average 5.83; Gr. Sorghum #2 range 2.25, average 2.25; New Ear Corn range 62.00-65.00, average 64.33.

Central Pennsylvania

Corn No. 2-y range 2.65-2.90, average 2.80; Wheat No. 2 range 3.20-3.60, few reported 3.00, average 3.35; Barley No. 3 range 2.10-2.50, average 2.36; Oats No. 2 range 1.70-2.00, average 1.80; Soybeans No. 1 5.40-5.65, average 5.50; Gr. Sorghum #2 range 2.40, average 2.40; Buckwheat range 8.15-8.90, average 8.62; Old Ear Corn range 78.00-100.00, average 87.50; New Ear Corn range 55.00-60.00, average 56.80.

South Central Pennsylvania

Corn No. 2-y range 2.60-2.70, few reported 2.90, average 2.69; Wheat No. 2 3.00-3.25, few reported 3.50, average 3.20; Barley No. 3 2.20-2.40, few reported 2.60, average 2.40; Oats No. 2 range 1.80-2.10, average 1.95; New Ear Corn range 50.00-60.00, average 55.60.

Western Pennsylvania

Corn No. 2-y range 2.60-3.00, mostly 2.77-2.90, average 2.85; Wheat No. 2 range 3.10-3.30, average 3.19; Oats No. 2 range 1.75-2.35, mostly 1.90-2.10, average 1.98; Buckwheat range 8.00, average 8.00; New Ear Corn range 55.00-65.00, average 60.00.

Southeastern, Central & South Central Summary

Corn No. 2-y range 2.65-2.95, average 2.78; Wheat No. 2 3.20-3.80, average 3.44; Barley No. 3 range 2.20-2.50, average 2.32; Oats No. 2 range 1.70-2.00, average 1.88; Old Ear Corn range 78.00-100.00, average 87.50; New Ear Corn 50.00-65.00, average 59.12.

New Wilmington Livestock
N. Wilmington, Pa.
Monday, November 26, 1984
Report Supplied by PDA

CATTLE 192. Compared with last week's market, slaughter cows firm to 50 cents higher. Few Choice slaughter steers 63.75-65.25, few Good 57.50-62.25, few Standard 50.00-56. Few Choice slaughter heifers 62-64.25, Good 52.50-58.50, Standard 45.00-52.50. Breaking Utility & Commercial slaughter cows 36.00-41, Cutter & Boning 33.50-38, Canner & Low Cutter 27.00-34. One Yield Grade No. 1 1295 lbs. slaughter bull at 45.00, one 2000 lbs. at 48.00, couple #2 1130 lbs. at 36.50, and one 2045 lbs. at 38.00.

FEEDER CATTLE: Medium Frame #1 3-540 lbs. heifers 37.50-43.75, 6-740 lbs. 38.25-43.50, few #2 320-615 lbs. 30.50-35.00. Few Medium Frame #1 3-545 lbs. bulls 47.75-55.25.

CALVES 258. Vealers $2-$5 higher. One Prime vealer at 101.00, few Choice 85.00-91, few Good 60.00-75, Standard & Good 90-125 lbs. 40.00-46, 65-85 lbs. 25.00-42, Utility 50-105 lbs. 10.00-22.50.

FARM CALVES: Holstein Bulls 95-140 lbs. 47.00-57.00.

HOGS 368. Barrows and gilts 50 cents-$1 higher. US No. 1-2 210-245 lbs. barrows and gilts 51.00-52, (lot 1-2 195 lbs. at 49.75) (45 head at 53.00), No. 1-3 205-260 lbs. 50.00-51, lot No. 2-3 250 lbs. at 47.00, No. 1-3 180-200 lbs. 43.00-48. Sows $1 lower. US No. 1-3 285-590 lbs. sows 38-45.25. Boars 28.00-38.00.

FEEDER PIGS 35. US No. 1-3 20-35 lbs. feeder pigs 11.00-20 per head.

SHEEP 97. Choice & Prime 65-100 lbs. wooled slaughter lambs 59.00-65, Good & Choice 45-75 lbs. feeder lambs 48.00-64, couple lots Bucks at 35.00&40. Slaughter ewes 10.00-17.50.

NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

EARLY BIRD HOG SALE
7:30 AM
For Your Protection Your Hogs Must Be Identified

10:00 AM

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

12:00 NOON

HEIFERS, BULLS

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WEDNESDAY
FEEDER PIG SALE
1:30 P.M.

We endeavor to keep our barns cleaner than yours.
State graded until 12 Noon

THURSDAY

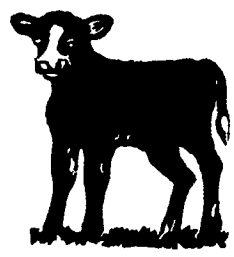
11:00 AM

BULLS -

STEERS -
BEEF COWS

3:30 P.M.

CALVES



SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

Some markets not covered by PDA due to deer season

Central U.S. Carlot

Beef Report
Wednesday, November 28
Report supplied by USDA

Compared to Tuesday's 4:00 report: Choice Steer Carcasses not est. Choice 3 550-700 lb. Heifers no recent comparison. Good Steer and Heifers and Choice YG 4 steady in a thin test. Demand and trading light to very light to moderate offerings.

The gross boxed beef carcass cut out value declined $.73 to an estimated $102.44 per cwt., 137 loads boxed cuts reported.

Sales reported on 8 loads of Steer and Heifer Carcasses.

Steer Beef
2 Loads
FOB Omaha Basis

Choice 3 600-900 lbs. 98.00, steady.

Heifer Beef
6 Loads
FOB Omaha Basis

Choice 3 550-700 lbs. 98.00, no comparison.

Choice 4 500-700 lbs. 92.00, steady.

Good 2-3 550-700 lbs. 96.00, steady.

Cow Beef
24 Loads
FOB Omaha Basis

Market not established in the midwest with packers holding firm in face of light demand. Prices generally steady F.O.B. Amarillo Basis.

Canner & Cutter 1-2 350&up lbs. 68.00 (MW); 400&up lbs. 70.00 (MW).

FOB Amarillo Basis

Bng Util 1-3 400&up lbs. 67.00-68.00, mostly late Tues.

Canner & Cutter 1-2 350&up lbs. 70.00-71.00, mostly 71.00, late Tuesday.

Primal Beef Cuts
3 Loads
FOB Omaha Basis
Choice 3

Hinds (H) 120-170 lbs. 107.00.
Fores 130-210 lbs. 93.00.

Boneless Processing Beef
Beef Trimmings
85 Loads
FOB Omaha Basis

90% Chem Lean Fresh 96.00-97.00.

50% Chem Lean Fresh 48.00-49.50, mostly 49.00.

FOB Amarillo Basis

90% Chem Lean Fresh 98.00-99.00, mostly 99.00.

90% Chem Lean Frozen 99.00.

85% Chem Lean Fresh 93.00.

50% Chem Lean Fresh 50.00.

Omaha Weekly

Wednesday, November 29, 1984
Report Supplied by USDA

Fed cattle prices ranged firm - 50 higher for the week, although buyer enthusiasm dampened somewhat at midsession. Declines in dressed carcass prices were mainly responsible for the mid-week slowdown. Overall finish continued fairly attractive.

Estimated 5 day receipts 10,100; actuals last week 6,423; last year 7,945. Steers comprised 38 pct of the week's receipts; Heifers 34 pct; cows 12 pct; feeders 15 pct.

SLAUGHTER STEERS: At the close, choice 2-4 1050-1300 lbs. 66.50-68.00. Mixed good and choice 2-3 1050-1200 lbs. 64.50-66.50. Few good 61.00-64.00.

SLAUGHTER HEIFERS: Choice 2-4 950-1125 lbs. 65.00-66.50. Mixed good and choice 2-4 900-1025 lbs. 62.50-64.50. Few good 60.00-62.50.

Average of LS-214 detailed quotations for 900-1100 lb. choice steers 65.50; 1100-1300 lbs. 67.50. Average cost steers 66.27, average weight 1174 lbs.; as compared 65.78 and 1162 lbs. a week ago. Average cost heifers 64.68, average weight 1038 lbs.; as compared 64.26 and 1044 lbs. a week ago.

SLAUGHTER COWS: Few breaking utility 2-3 34.25-37.75. Cutter and boning utility 1-2 31.00-34.75, few high dressing to 35.75. Canner and low cutter 28.25-32.00.

SLAUGHTER BULLS: 1-2 1100-1950 lbs. 40.25-47.00, mostly 42.50-46.50, low dressing to 38.25.

Carlisle Livestock

Carlisle, Pa.
Tuesday, November 27
Report supplied by auction

CATTLE: Steers: Mostly Holsteins offered. Choice Holsteins 57.00-59.75; Good Holsteins 52.00-57.00; Medium 59.00 down. Heifers; 2.00 Higher Choice 60.00-62.75; Good 54.25-59.50; Medium 48.00 down. Cows: Early bird pens 2.00 higher. High Yield 38.00-41.75; Average 36.00-39.00; Big Middle 31.00-38.00; Fatty Herf to 40.00; Shelly 33.00 down. Fat Bulls: Medium 47.00-47.25.

FEEDER CATTLE: Steers (600-850 lb.) Medium 43.00-48.00. Heifers (all weights) Good 40.00-44.00; Medium 36.00-41.50. Bulls (all weights) Good 50.00-54.50; Medium 37.00-49.00.

VEAL CALVES: Choice 75.00-90.00; Good 65.00-74.00; Medium 50.00-64.00; Light/Weak 49.00 down. Farm Bulls 70.00-81.00.

HOGS: 210-250 lbs. 48.25-52.00; over 260 lb. 45.00-49.50; Under 210 43.00-45.25.

SOWS: (300-520 lbs.) 41.50-45.00; Thin 35.50-40.00. Boars: Heavy 34.25-35.50.

FEEDER PIGS: (by the hd) 2.00 to 5.00 higher (1 lot 20 lbs. 19.50) (252-35 lbs. 20.00-33.50) (35-45 lbs. 28.00-36.00). Shoats (by the lb.) 135-160 lbs. 42.00-47.00.

SHEEP: Good 53.00-58.50; Medium 52.00 down. Goats: (Lg) 29.00-35.00 (hd); Sm./Med. 12.00-24.00 (hd).

Sale every Tues. 7:00 PM Livestock; 5:00 Eggs - Poultry & Rabbits.

Good's Fruit and Vegetable Auction

Tuesday, Nov. 27, 1984
Leola, PA
Report Supplied by Auction

APPLES - 3.70-4.00 bu.
BLACK WALNUTS - 3.20 lb. (shelled)
BROCCOLI - .10 hd.
CABBAGE - .10-.14 hd., 1.00-2.00 bu.
CELERY - 1.50-2.00 box.
CIDER - 1.05 gal.
ENDIVE - .20 hd.
POTATOES - .80-3.50 (5, 10, 20 & 50 lb. bags).
PUMPKINS - .25 ea.
SQUASH - .25 ea.
SWEET POTATOES - 1.00-3.20 bu.,
TOMATOES - 3.00-3.50 box.
TURNIPS - 1.10-2.10 bag.

Jersey Shore, Pa.

Thursday, November 22
Report Supplied by Auction

Good Veal 51.00-67.00.
Common Veal 35.00-44.00.
Good & Choice Steers 65.00-68.75.
Good Steers 55.00-64.00.
Commercial Cows 37.50-42.25.
Canners-Cutters 31.50-37.25.
Choice Heifers 59.50-64.25.
Feeder Cattle 28.00-43.00.
Bulls 38.50-45.50.
Good Hogs 50.50.
Sows 1 at 39.00.
Eggs .39-.60.

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CLOSED WEDNESDAYS

THE OLD FARMER'S ALMANAC

DEC. 3-9, 1984

Mild and clear, then showers appear.

Gather cones, seeds, and boughs from the woods for Christmas decorations now
Tornado in Vicksburg, Miss , killed 38, left $25 million in damages, Dec 5, 1953
Average length of days for the week, 9 hours, 13 minutes Full moon, Dec 8 (Sat)
First neon light display occurred in Paris, Dec 3, 1910 John Lennon killed Dec 8, 1980 Phi Beta Kappa founded Dec 5, 1776 *He that makes himself an ass, must not take it ill if men ride him*

Ask the Old Farmer: How can I get rid of a film on our wine glasses? E V K , Campbell, Calif

Try filling the glasses with warm water and dropping a denture-cleaning tablet in each glass Let sit for a couple of hours, then wash and rinse You could also try filling them with a strong solution of ammonia and water, wait a couple of hours, then wash and rinse

Home Hint: Don t oil a squeaking tricycle, because the squeak locates the child riding it

OLD FARMER'S WEATHER FORECAST

New England: Sunny and mild at beginning of week, mid through end of week warm with light rain

Greater New York-New Jersey Week begins sunny and mild, through end of week showers with mild temperatures

Middle Atlantic Coastal Clear and warm at week's onset, showers with mild temperatures prevail mid through end of week

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Oklahoma Cattle

Wednesday, Nov. 28
Report supplied by USDA

Estimated Receipts 5,500
Same Day Last Week 469

Feeder Steers 50 cents to 2.00 higher. Feeder Heifer Calves 1.00-2.00 higher, Yearlings steady. Trade active; demand good. Bulk receipts Medium Frame 1 450-775 lbs. Steers and Medium Frame 1 and Mixed 1-2 350-450 lb. Heifers.

FEEDER STEERS: Medium Frame 1 300-400 lb. 72.50-77.50; 450-500 lb. 70.00-72.50; 500-600 lb. 69.50-71.50, pkg. 73.50; 600-700 lb. 68.60-72.75, few to 73.60; 700-775 lb. 68.50-72.50, string 775 lb. fleshy 66.80, package 710 lb. 73.00; few 800-840 lb. 65.00-68.25. Medium & Large Frame Mixed 1-2 few 375-400 lb. 66.25-72.90; 400-500 lb. 64.90-69.25; 500-600 lb. 67.00-70.00; few 625-700 lb. 68.25-71.20. Small Frame 1 400-500 lb. 62.50-68.75. Large Frame 2 Holsteins 400-500 lb. 52.50-53.50; 500-600 lb. 50.00-53.60, lot plain 49.50; lot 850 lb. 52.10; lot 975 lb. 46.55.

FEEDER HEIFERS: Medium Frame 1 400-500 lb. 58.10-64.90, lot 410 lb. 65.90; 500-600 lb. 59.40-62.90; few 600-700 lb. 62.50-64.30. Medium and Large Frame Mixed 1-2 350-400 lb. 54.10-57.25; 400-500 lb. 54.50-60.00, package thin 61.50; few 500-550 lb. 54.60-58.30; 600-650 lb. 57.80-63.50. Small Frame 1 300-400 lb. 53.30-56.25; few 400-450 lb. 51.00-57.10.

For the Week: Feeder Steer & Heifer Calves mostly 3.00-5.00 higher, instances 6.00-7.00 higher. Feeder Steers & Heifers 3.00-5.00 Higher. Slaughter Cows basically steady. Limited test Slaughter Bulls fully steady.

New Holland Dairy

New Holland Sales Stables
Wednesday, November 28
Report supplied by auction

Reported receipts of 60 cows, 72 heifers, and 2 bulls. Market steady.

Load of NY fresh cows, 760.00-1300.00; springers 900.00-1025.00.

Load of PA fresh cows, 700.00-800.00.

Load of PA fresh cows, 700.00-925.00

Locally consigned cows 400.00-1010.00.

Springing heifers 450.00-800.00.

Open Heifers 240.00-485.00.

Bulls 250.00-500.00.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, November 27, 1984
Report supplied by Auction

Beef Cows: Utility and Commercial 37.25-40.10; Cutters 34.10-36.75; Canners 30.75-34.00; Shells 27.00.

Heifers: Standard 44.10-48.25; Commercial 36.00-43.00.

Steers: Good 51.25-54.00; Standard 47.20-48.50.

Bulls: Good 49.75-51.10; Standard 43.50-46.75.

Veal Calves: Choice 72.00-78.00; Good 60.00-71.00; Standard 46.00-59.00; Utility 38.00-45.00.

Farm Calves: Bulls 70.00-79.00; Heifers 55.00-61.00.

Hogs: 48.10-52.25.

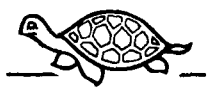
Sows: 42.25-44.25.

Boars: 25.50-34.50.

Shoats: 25-30 lbs. per head 10.00-16.00; 30-35 lbs. per head 14.00-22.00.

Goats per head: 16.00-45.00.

DON'T BE SLOW



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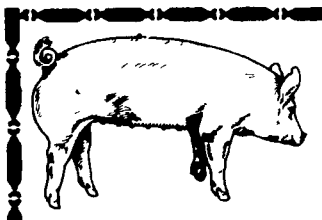

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- Your cattle will be received from 12:30 to 5 P M. We will either pay you for your cattle immediately or you may sell them dressed weight
- There will not be a commission or yardage fee deducted from your check
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Sale to Start Promptly at 1:00 P.M.
Every 4 Weeks
Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, right. 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road, left. Watch for sale arrows.
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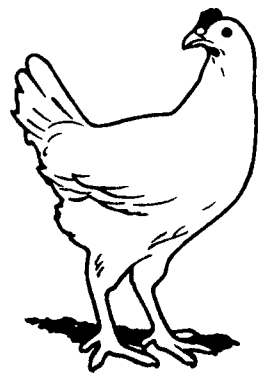

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Livestock market and auction news

VIRGINIA MARKETS

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, November 24
Report supplied by auction

FEEDER CATTLE: Trend- All classes steady. Steers- M&L-1 300-500 lbs. 53.00-61.25, few at 65.00; 500-700 lbs. 52.50-60.00, few at 65.00, 700-1000 lbs. 52.50-59.25; S-1&M&L-2 300-500 lbs. 52.00-58.50, 500-700 lbs. 48.00-55.00, 700-1000 lbs. 44.75-49.50. Feeder Bulls- M&L-1 300-500 lbs. 52.00-54.50, few 60.00, 500-700 lbs. 41.00-52.50; S-1&M&L-2 300-500 lbs. 47.00-50.00, 500-700 lbs. 46.00-49.00. Heifers- M&L-1 300-500 lbs. 43.00-50.00, 500-700 lbs. 44.50-49.50, few at 53.00-54.00, 700-800 lbs. 45.00-53.50; S-1&M&L-2 300-500 lbs. 44.00-48.00, 500-700 lbs. 42.50-48.00.

STOCK COWS: Baby Calves 10.00-65.00, mostly 30.00-50.00.

SLAUGHTER COWS: Trend steady. Utility & Commercial 2-4 30.25-39.75, Canners & Cutters 1-3 25.00-29.50.

SLAUGHTER BULLS: 1&2 36.00-43.50.

LAMBS: Trend- 2.50 higher. High Choice & Prime 63.00, Choice 53.75, Feeder Lambs Choice 63.00, Slaughter Ewes 12.00-15.75.

HOGS: Trend 2.00 higher. US1-3 200-240 lbs. 50.50; Sows 41.00-47.00; Boars 32.75.

SLAUGHTER CALVES: Good & Choice 43.00-50.00.

Virginia Auction Summary

November 22-28
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 8,630.

Trend: Steady to 2.00 higher.

South & Southwest Va.
November 22-28
Report supplied by VDA

STEERS: Medium 1 300-500 lbs. 55.00-67.00, 500-700 lbs. 54.00-66.00, 700-1000 lbs. 50.00-62.00. Large 1 300-500 lbs. 57.00-67.50, 500-700 lbs. 56.00-64.50, 700-1000 lbs. 53.00-63.00. Small 1 300-500 lbs. 51.00-63.50, 500-700 lbs. 50.00-63.00, 700-1000 lbs. 46.00-49.00.

HEIFERS: Medium 1 300-500 lbs. 44.00-53.50, 500-700 lbs. 43.50-53.50, 700-900 lbs. 44.00-53.00. Large 1 300-500 lbs. 45.00-54.00, 500-700 lbs. 44.00-54.25, 700-900 lbs. 43.00-53.00. Small 1 300-500 lbs. 40.00-49.50, 500-700 lbs. 40.00-47.00, 700-900 lbs. 42.50-40.00.

Northern Va. Auction Summary
November 22-28
Report supplied by VDA

STEERS: Medium 1 300-500 lbs. 55.00-65.25, 500-700 lbs. 55.00-65.75, 700-1000 lbs. 51.25-60.50. Large 1 300-500 lbs. 52.00-62.50, 500-700 lbs. 51.00-61.75, 700-1000 lbs. 53.00-59.25. Small 1 300-500 lbs. 49.00-59.00, 500-700 lbs. 47.00-57.50, 700-1000 lbs. 50.00-59.00.

HEIFERS: Medium 1 300-500 lbs. 40.00-48.00, 500-700 lbs. 43.00-54.00, 700-900 lbs. 40.00-49.50, Large 1 300-500 lbs. 40.00-50.00, 500-700 lbs. 42.00-53.00. 700-900 lbs. 45.00-53.50. Small 1 300-500 lbs. 37.00-46.00, 500-700 lbs. 37.50-48.50, 700-900 lbs. 43.50-44.50.

Central U.S. Carlot

Pork Report
Wednesday, November 28
Report supplied by USDA

Compared to Tuesday's 4:00 report: Fresh Pork Loins uneven, 14-17 lbs. steady to $2.00 lower, 17-22 lbs. $1.00 higher. Picnics steady to weak. Boston Butts $2.00 to $5.00 lower. Skinned Hams steady to $1.00 higher. Sdls Bellies steady to $1.50 higher except 20-25 lbs. weak. Trade slow to moderate for moderate offerings. Demand light to moderate. U.S. No. 1&2 165 lb. Pork Carcass cut out value advanced $.22 to $.36 per cwt.

Sales reported on 51 loads of Fresh Pork Cuts and 6 loads of Trimmings and Boneless Processing Pork.

Fresh Pork Cuts

LOINS (Regular): 14-17 lbs. 88.00-90.00, steady-2.00 lower; 17-20 lbs. 84.00, no comparison; 17-22 lbs. 82.50, 1.00 higher; 22&up lbs. 74.50, no comparison.

LOINS (Retail Trim): 14-17 lbs. 101.00, ld 100.00, no comparison (All Short Cut).

PICNICS: 4-8 lbs. 49.00, steady to weak.

BOSTON BUTTS: 4-8 lbs. 60.00-63.00, PL 58.00, 2.00-5.00 lower; 8&up lbs. 60.00, no comparison.

SPARERIBS: 3.5&down lbs. 114.00, no comparison.

HAMS (SKINNED): 14-17 lbs. 98.00 T.I.S./frozen, no comparison; 17-20 lbs. 95.00 Frozen, no comparison; 17-20 lbs. 95.00, 1.00 higher, 20-26 lbs. 90.00-91.00, steady-1.00 higher.

BELLIES (Sdls - Skin On): 12-14 lbs. 62.50-63.50; 14-16 lbs. 62.00-63.50, steady-1.50 higher; 16-18 lbs. 61.00-62.50, steady to firm; 18-20 lbs. 54.00, steady; 20-25 lbs. 49.00, weak w/Monday.

BNLS CT BUTT: 1.5-3 lbs. 106.50, no comparison.

Pork Trimmings
Boneless Processing Pork
(Chemical Lean)

42% Lean Trimmings Fresh 37.00-37.50, .50 lower than Monday.

72% Lean Trimmings Fresh 66.50-67.00, steady to firm.

Jowls, Frozen 33.00, weak with Monday.

Apple Market News Service

Tuesday, November 27, 1984

The market is fair and prices are still holding steady. Supplies are adequate.

Export continues to be the strong area in the Pennsylvania apple market with shipments this week going to Honduras, Brazil, Panama, Trinidad, Iceland, Canada and Haiti. Prices are remaining firm on this market with Red Delicious traypack combination grade 100's bringing $10.00 and 113's, $9.50. Red Delicious Extra Fancy 130's are at $11.50 and 125's 11.00.

Domestic prices quoted are wholesale, truckload, FOB at the orchard and packing house.

Bagged Apples

Cartons 12/3# bags, 2¼" up: Red Delicious, U.S. Extra Fancy $7.00-8.50, mo. 8.50; U.S. Fancy 7.00-7.50, mo. 7.50; Combination U.S. Extra Fancy & U.S. Fancy 6.00-7.50, mo. 7.00.

Golden Delicious: U.S. Fancy 7.00-7.50.

Romes: U.S. Extra Fancy 7.50-8.50, mo. 8.50; Combination U.S. Extra Fancy & U.S. Fancy some 7.00, mo. 8.00.

Stayman: U.S. Fancy 8.00.

Cartons 12/3#2½": Red Delicious U.S. Extra Fancy some 8.00.

TRAYPACK Red Delicious: U.S. Extra Fancy 100's & 80's some 10-12, mo. 11.50-12.00; 72's lgr. 13.00; 113's 11.00; 125's 10.50; Combination U.S. Extra Fancy & U.S. Fancy 100-72's 9.50-10.50; 113's 9.00; 125's 8.50.

Golden Delicious: Combination U.S. Extra Fancy & U.S. Fancy 125's 8.50-10.00; 113's 9.50-10.50, mo. 10.50; 100's 10.00-11.00; 88's lgr. 11.50.

Romes: U.S. Extra Fancy 100's & lgr. 11.00-12.00; Combination U.S. Extra Fancy & U.S. Fancy 88's & lgr. 10.50-11.00, few 11.50.

Stayman: Combination U.S. Extra Fancy & U.S. Fancy 113's-72 12.50.

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EVERY TUESDAY
12:00
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Faith and Farming

BY DICK ANGLESTEIN

Is there any light at the end of the long, dark tunnel that ag has found itself mired in during the past few years?

You gotta squint real hard but there may be a flickering speck about the size of a lone lightning bug flying around inside a huge football stadium.

How can that be, you might rightfully ask when

--The Wall Street Journal on successive days carries stories on the sale of IH and the hoped-for sale of Harvestore.

--Mennonite farmers from throughout the U.S. and Canada gather to mutually discuss their problems.

--The level of ag business, except for bare essentials, is at a near standstill.

--Talk everywhere centers on speculation of which ag businesses and which farmers are going to make it.

But actually it is in all of this negative news -- gloom and doom as the conservative optimists with the rose-colored glasses like to call it -- that lies that spark of hope.

Finally, the non-ag media and the public at large are truly recognizing the plight of farmers.

Because, it is only with such recognition, that something will finally be done.

Before, those who dared to point out such things were a bit like those who failed to take the advice of songwriter Jim Croce, who said:

"Never spit into the wind."

Before, the good-time profiteers made such words come back to slap you in the face.

But now the ill winds of ag are blowing so hard that almost everyone is getting slapped in the face

At least, these slaps are finally waking some people up.

In the midst of all of this, we'd like to pay tribute to that Mennonite gathering in Western Pa. this week. For it is through such plain and honest dialogue as took place at the Faith and Farming Conference that eventual solutions will come.

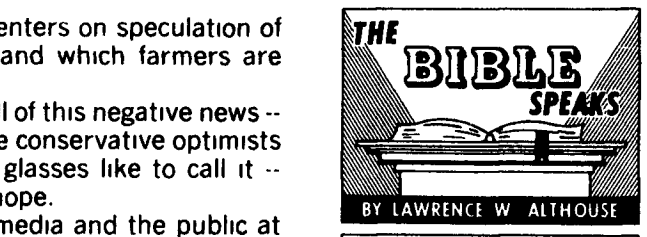
Permanent solutions to problems are impossible without grassroots involvement

Sure, government and others can help

But you the individual farm family must want realistic solutions that will involve some tough decisions

It's up to you.

It's your farm, your way of life and your future at stake.



THE ARROGANT SPIRIT
December 2, 1984

Background Scripture:
Psalm 199:97-105;
1 Corinthians 2; 2 Timothy 3.
Devotional Reading:
1 Corinthians 2:6-16.

In Umberto Eco's brooding, best-selling novel, **The Name of the Rose**, the medieval plot comes to a climax with a dramatic confrontation between two monks locked in mortal conflict. Each of them, William of Baskerville and blind Jorge, believes he speaks for God. Each sincerely and passionately believes the other is really the Devil incarnate. "You are the Devil," William accuses Jorge, who says, "You are worse than the Devil."

The reader can hardly fail to side with the humane William against the villainous Jorge and delight in William's grand denouncement:

The Devil is not the Prince of Matter; the Devil is the arrogance of the spirit, faith without smile, truth that is never seized by doubt. (Harcourt, Brace, Javonovich, 1983)

I LOVE THY LAW

William is right, of course, but his "rightness" is not enough, for in the ensuing physical struggle, a tumbled lamp sets fire to the monastery library and the world's greatest repository of knowledge is reduced to ashes. It is the year 1327 and the destruction of the abbey and its treasure marks the onset of Europe's Dark Ages, an era from which the continent will not soon emerge.

I do not pretend to know all that Echo meant by **The Name of the Rose**, but it is apparent that he is warning us that it is not enough to defend truth from error. We must be careful, lest in fighting error, we destroy the truth as well.

Many people I know today are obsessed with their struggle to make sure that truth prevails over error. They have the truth and those who do not agree with them are blasphemously in error. Their opponents, they are certain, are possessed by Devil. The Bible thus becomes a weapon to be used to prove others "wrong," a condition that is tantamount to intentional evil.

FOR EVERY GOOD WORK

The problem, of course, is not with the scriptures, but with what people do with them. If dedication to God's word-such as that indicated by the Psalmist (119:97-105)-produces a humble and joyful spirit, then a person can say with him, "Thy word is a lamp to my feet and a light to my path" (119:105). But, if one's dedication to the scriptures produces an arrogant, self-righteous spirit, that is probably the greatest blasphemy of all.

For the purpose of God's word is not to make us content or even proud in **knowing**, but humble and faithful in **doing**. It is in noble deeds, not noble thoughts that God's truth is made manifest. If the scriptures speak to us, they will focus, not on the truth we possess, but the truth we are called to be. Thus, the writer of Timothy finishes his passage on the scriptures: "...that the man of God may be...equipped for every good work." (3:17).

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Plan Work Schedules In Layer Houses

If you are planning to work with your layers, such as applying a miticide to control lice or mites or do any noisy repairs to the feeders, fans or waterers—this work should be done in the afternoon. The reason for this is—it's after the hen has laid her egg for the day, and she is a lot less susceptible to injury and damage to the future eggs. Your everyday chores won't upset them because they are accustomed to them, but these unusual conditions can upset their regular cycle.

Just a word on the number of birds per cage. It may seem like a good idea to add one extra bird per cage, but this could lower your hen-housed production. There are over 20 cage density experiments and they all show a lowered production per hen when you add that extra hen. Keep in mind that very small differences in production can result in large economic differences over time in large flocks. With an over supply of eggs, we really don't need that extra bird anyway.

To Tighten Farm Security

Rural crime is a serious problem in many parts of our country—Lancaster County included.. We need to take every precaution to protect our property from theft and vandalism. This is more difficult on a farm because of the number of buildings and exposed items. A good place to start is to install automatic lights; also a good watch dog will signal the arrival of a stranger or something unusual happening.

Another preventive measure is to keep garages and workshops under padlock to make it more difficult for illegal entry. Farm machinery should be stored under cover or near farm buildings at all times. It's a good idea to engrave all tools and equipment with your driver's license. Social security numbers are non-retrievable so your driver's license number is much quicker identification. Neighborhood watch is very successful—notify your neighbors if you see something unusual.

To Use Only Needed Fertilizer Elements

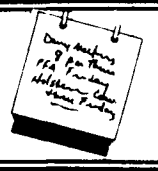
Fertilizer prices continue to be high, so we suggest that farmers act now to hold this production cost in line. A comlete soil test now will reveal the exact fertilizer elements that are needed in certain fields for certain crops. The idea of applying the same amount of the same analysis of fertilizer each year might help but is not the best way to obtain the most from your fertilizer dollar. Some fields may have sufficient amounts of potash, or be in excess of some elements; in these cases it is not economical to apply more of these same elements. With high fertilizer costs we suggest that farmers do soil testing and then apply what is needed for each crop, and be sure to include the nutrient value of manure when calculating your needs.

To Observe Withdrawal Time

The use of drugs and antibiotics are needed in many cases with livestock, poultry and dairy production. Their use is quite common in many farm operations. However, the misuse of these materials is where trouble can start. When these items are administered to animals or poultry, the owner should read the label for directions relating to withdrawal periods for milk cows, or time between treatment and slaughter for meat. It's only good common sense that these regulations should be followed. To short-cut the period of time is only jeopardizing the product and the entire farming business. Don't take chances with our valuable food products. Also, keep accurate records of all treatments. In cases where excess tolerances are found, it might save time and money.

The Extension Service is an affirmative action, equal opportunity educational institution.

Farm Calendar



Saturday, Dec. 1

Lehigh County 4-H Livestock Awards Dinner, 7:30 p.m., Germansville Fire Company.

Monday, Dec. 3

Housing and breed selection poultry session, 7:30 p.m., Berks County Ag Center.

Tax Week at Penn State, University Park campus, continues through Friday.

Maryland Farm Bureau annual convention, Hagerstown, Md.

Milk Marketing Update, 9:30 a.m.-2:30 p.m., Chambersburg Holiday Inn.

Tuesday, Dec. 4

Food and Ag Policy Conference, Washington, D.C., continues through Thursday.

Housing and breed selection poultry session, 7:30 p.m., Berks-Lehigh Valley Farm Credit Service Center.

110th annual Delaware State Grange meeting. Today's session at Midland Grange Hall, Georgetown; annual banquet tomorrow in Cape Henlopen High School.

Wednesday, Dec. 5

Bradford County Extension Annual Meeting, 8 p.m, Friedenshutten Restaurant, Wyalusing.

Thursday, Dec. 6

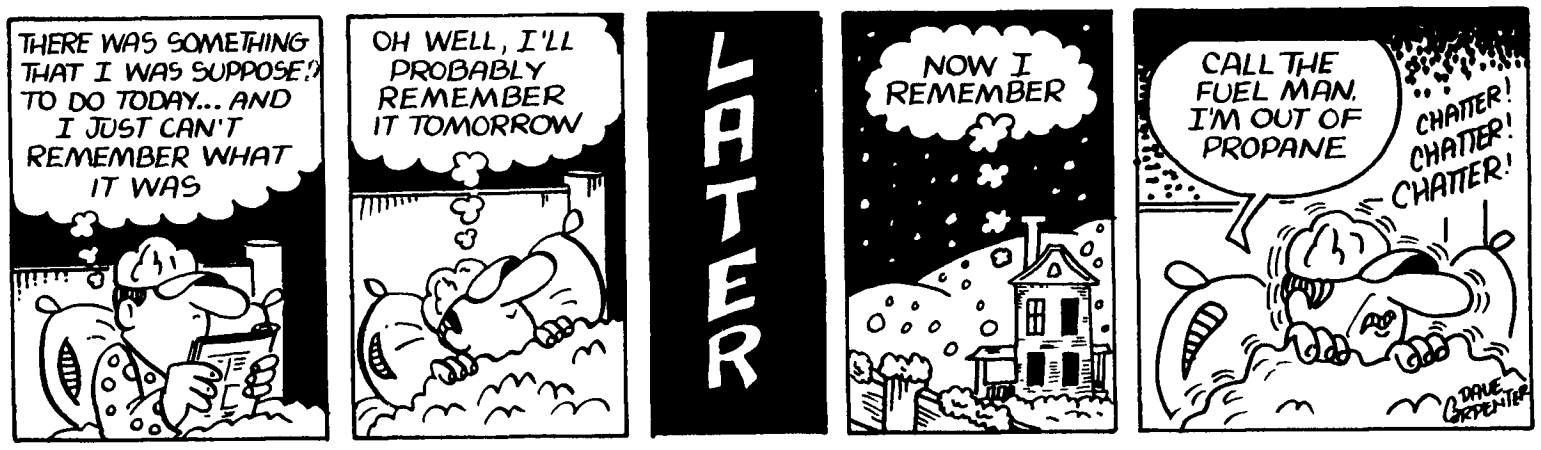
Peninsula Horticultural Society meeting for commercial vegetable growers, 9:30 a.m. - 3:30 p.m., Wicomico Youth and Civic Center, Salisburg, Md.

Grain Producers Marketing Strategy Session, 8:30 a.m.-noon, Sheraton Inn, Dover, Del.

Pa. Dairy Promotion Advisory Board, 10:30 a.m., Room 309, PDA Building.

Friday, Dec. 7

York 4-H Dairy Banquet.


THERE WAS SOMETHING THAT I WAS SUPPOSED TO DO TODAY... AND I JUST CAN'T REMEMBER WHAT IT WAS
OH WELL, I'LL PROBABLY REMEMBER IT TOMORROW
LATER
NOW I REMEMBER
CALL THE FUEL MAN. I'M OUT OF PROPANE
CHATTER! CHATTER! CHATTER!
DAVE CARPENTER

Milk production down

HARRISBURG – Pennsylvania's October milk production totaled 775 million pounds, two percent below last year's production, according to the Pennsylvania Crop and Livestock Reporting Service.

The number of milk cows in the commonwealth during October averaged 738,000 head, 1,000 more than a year ago. Milk production per cow averaged 1,050 pounds in October, down 20 pounds per cow from a year ago.

U.S. milk production during October 1984 totaled 10.9 billion pounds, four percent less than October 1983. Total milk cows in the United States averaged 10.8 million head, three percent less than October 1983. Production per cow averaged 1,010 pounds, 14 pounds less than a year earlier.

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Delaware promotes produce

NEWARK, Del. — Delaware farmers and others involved in promotiong the state's produce and nursery industries stepped up their marketing efforts this fall by participating in the trade fair which accompanied the three-day annual meeting of the national Produce Marketing Association in Washington, D.C.

This is the first time Delaware has had a booth at the trade fair and, according to University of Delaware extension vegetable specialist Ed Kee, the effort was a great success. Only two other northeastern states (New York and Maine) were represented.

Trade show exhibits had exposure to 3,500 people representing all aspects of the produce industry--growers, retailers, wholesalers, brokers, importers and exporters, plus representatives of the food service industry–making this an excellent opportunity to promote Delaware-grown fruits, vegetables and nursery crops. Kee says the booth was in a prime location and attracted many potential buyers.

The booth was sponsored by the Delaware Department of Agriculture, Delaware Cooperative Extension Service, local growers associations plus a number of individual farmers and agribusiness representatives.

"Since this year's PMA meeting was held right in our own backyard, we thought it would be a good idea to participate in the trade show," Kee says.

Kee and Bill Sammons, marketing specialist for the Delaware Department of Agriculture, took turns masquerading as "Walter Melon"--complete with official name tag–in a costume provided by the Mar-Del Watermelon Asociation. Miss Delaware (Nancy Ball of Lewes) distributed stickers and promotional literature. Secretary of agriculture Don Lynch was also on hand to help out, and several Delaware growers and agribusiness reps took turns manning the booth.

Five grower groups contributed money to the promotional effort: Delaware Direct Marketing Association, Mar-Del Watermelon Association, Delaware Vegetable Growers Association, Delaware Nurserymen's Association, and Delaware Apple Commission. In addition, the following farmers and agribusiness representatives provided funds: Joseph Jackewicz Farms, Papen Farms, Laurel Auction Market, Delaware Produce Growers, Inc., Jim Willis, Inc., W.T. Derrickson, W.W. Produce, and Thomas Moore, Inc.

Kee says the program which accompanied the trade show included several timely seminars on produce marketing and factors which affect the industry. About 25 Delaware growers traveled to Washington by bus one day to visit the trade show and conference.

"Walter Melon" and Miss Delaware stand by to greet visitors to Delaware booth at recent meeting of the National Produce Marketing Association in Washington, D.C. Booth was sponsored by Delaware Department of Agriculture, Cooperative Extension Service, grower associations and individual farmers.

Browncroft Holsteins highest in Bradford County

BY JANE BRESEE
Staff Correspondent

WYSOX - The Bradford County DHIA closed its 71st year with two separate meetings on Nov. 14, and 15, at the Wysox Fire Hall and at the Troy Vets Club.

William and Janet Brown, Rome, finished at the top of the list again as their 30.9 Browncroft Holsteins averaged 22,465 pounds of milk, with 837 pounds of fat and 727 pounds of protein.

Carl McClelland of Columbia Cross Roads, received an honorary plaque for having the lowest somatic cell count of 101,000.

Jasper Smith, executive secretary and treasurer of the county organization, was honored for 40 years of service with a gift certificate for a lounge chair. Pleased with the recognition, Smith recalled that when he first started as a tester he received $2 from the smallest herd and $8 from the largest. Those were the days when a haircut cost 35 cents and an eye exam was $2.

Smith serves as treasurer for numerous community organizations and is also a full-time Methodist minister.

Steward Rosengrant, a supervisor of Wysox, was also honored for 35 years of service with the gift of a coat.

Honorary Dairyman Award was given to Orville Yoder, recently retired Cooperative Extension agent, who worked as advisor to the DHIA for 23 years.

Program speaker for the Western DHIA banquet was Dieter Krieg, editor of "Farmshine." Ms. Carmel Sirianni, State Representative, spoke at the Eastern meeting. She was the sponsor of the bill to supplement the Milk Security Fund to benefit dairymen affected by the Shepp's bankruptcy.

Bradford County DHIA closed the year with 303 herds on test, plus 47 Owner/Sampler herds which are not included in the report. The average number of cows was 17,433 with an average production of 14,956 pounds of milk and 564 pounds of butterfat.

Officers of the Bradford County DHIA are: president, John Wilcox; vice-president, Annette Schucker; executive secretary-treasurer, Jasper Smith; and Robert Thompson, board secretary. Brent Skinner of Troy, is manager.

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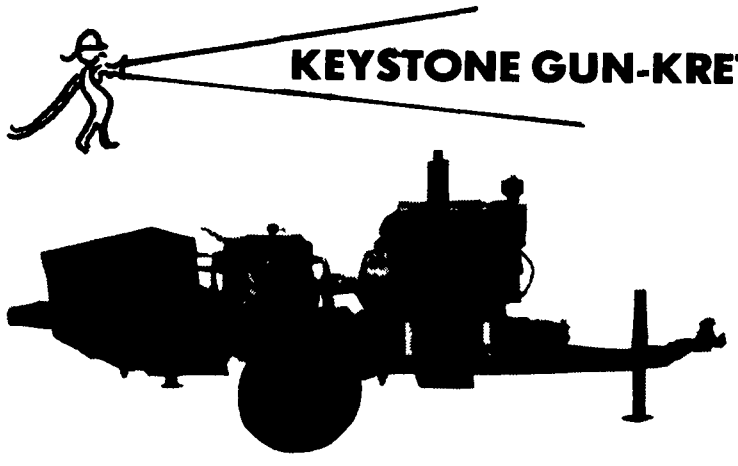
GUN KRETE



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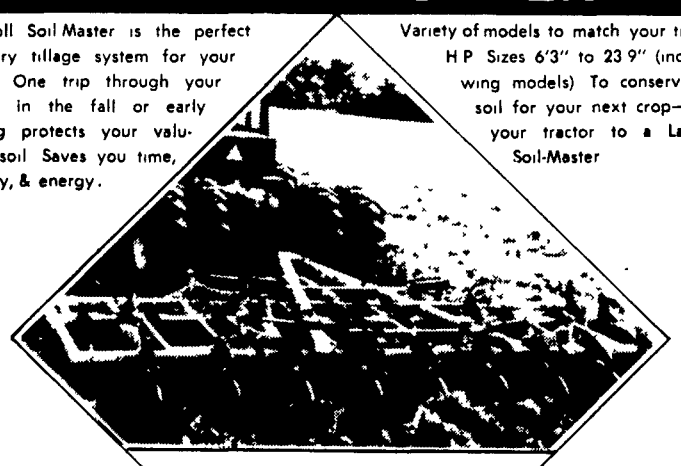

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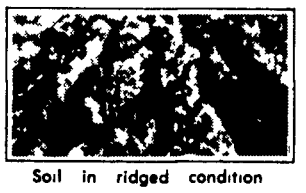

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Livestock market and auction news

St. Louis Cattle

Thursday, November 29
Report supplied by USDA

Receipts This Week	5,100
Week Ago	2,164
Year Ago	5,772

Compared to last week's close, Slaughter Steers and Heifers mostly 1.00 higher. Cows steady to 1.00 lower. Bulls 1.00 higher. Slaughter supply mainly choice steers and heifers, around 15% cows.

SLAUGHTER STEERS: Mixed choice and prime 2-4 1100-1300 lbs. 66.50-67.00. Choice 2-4 1000-1300 lbs. 65.50-66.50; 850-1000 lbs. 63.00-65.50. Mixed good and choice 2-3 900-1200 lbs. 63.50-65.50. Good 2-3 900-1200 lbs. 61.00-63.50. Mostly good 2-3 1100-1350 lb. holsteins 55.00-60.00.

SLAUGHTER HEIFERS: Mixed choice and prime 2-4 900-1100 lbs. 64.50-65.00, load 65.50. Choice 2-4 900-1100 lbs. 63.00-64.50; 800-900 lbs. 61.00-63.00. Mixed good and choice 2-3 800-1000 lbs. 61.00-63.00. Good 2-3 750-1000 lbs. 58.00-61.00.

COWS. (Closing Week Sales) Breaking Utility and Commercial 2-4 33.00-35.00. Cutter and Boning Utility 1-2 33.00-35.00. High-Yielding Utility 1-2 35.00-36.00. Canner and low cutter 1-2 30.00-34.00. Shelly canner 1-2 36.00-30.00.

BULLS: Few YG 1-2 1100-1900 lbs. 43.00-47.00.

Wednesdaly's Weekly Sheep Auction. Receipts around 700 head. Compared with last week, slaughter lambs 1.00-2.00 lower. Feeder lambs .50-1.00 higher. Trading active, demand good. Supplies were heavy, consisting mostly of slaughter lambs.

SLAUGHTER LAMBS: Mixed choice and prime shorn 95-135 lbs. 63.00-64.50, one lot 65.00. Wooled 90-125 lbs. 58.00-64.00.

SLAUGHTER EWES: Few wooled utility to good 10.50-12.50.

FEEDER LAMBS: Mixed Choice and Fancy 75-90 lbs. 56.50-60.00.

FEEDERS: (Including around 2500 at the regular Thursday auction.) Compared to last test two weeks ago, feeder steers steady. Feeder heifers mostly 2.00-3.00 higher, instances 4.00-5.00 higher on heifers under 500 lbs. Demand moderate on steers, good on heifers. Supply heavy, most calves.

FEEDER STEERS: Medium and Large Frame 1: 300-400 lbs. two lots 64.00; 400-600 lbs. 60.00-68.00, mostly 62.00-66.00; 600-900 lbs. couple lots 62.00-64.00.

Medium and Large Frame 1-2: 350-500 lbs. 54.00-57.00.

Small Frame 1-2: 350-600 lbs. 53.00-54.00.

Large Frame No. 2 Holsteins: Couple lots 200-500 lbs. 38.00-41.00, few 500-800 lbs. 43.00-46.00.

FEEDER HEIFERS: Medium and Large Frame 1: 300-400 lbs. 50.00-54.25; 400-500 lbs. 53.00-57.00; 500-700 lbs. 51.00-56.00, one lot 616 lbs. 59.00. A few 700-800 lbs. 55.00-57.00.

Medium and Large Frame 1-2: Few 300-600 lbs. 42.00-49.00.

Morrison Cove Livestock

Martinsburg, Pa.
Monday, November 26, 1984
Report Supplied by Auction

CATTLE 226. Compared with last Monday's market, High Choice & Prime slaughter steers 67.25-68.75, Choice 63.50-66.75, Good 56.00-61.75, Standard 51.00-54.25, Utility 46.25-50.75. Choice slaughter heifers 62.00-64.75, Good 56.00-60.75, Standard 50.25-54.75, Utility 54.25-49.00. Breaking Utility & Commercial slaughter cows 39.50-41.75, Commercial 36.00-38.75, Cutter & Boning Utility 32.50-35.50, Canner & Low Cutter 29.00-31.75, Shells down to 18.00. Choice slaughter bullocks 46.75-52.00, Good 43.00-45.50, Standard 39.00-42.25, Utility 36.00-38.75. Yield Grade No. 1 slaughter bulls, 42.50-48.25, Yield Grade No. 2 38.50-41.50.

FEEDER CATTLE: Steers Choice 300-700 lbs. 52.50-56.50, Good 300-700 lbs. 47.50-51.50, Medium 300-700 lbs. 34.50-46.50. Heifers Good 300-600 lbs. 42.50-46.50, Medium 300-600 lbs. 35.00-41.50. Bulls Good 300-700 lbs. 48.50-51.50, Medium 300-700 lbs. 38.50-44.50.

CALVES 405. Prime 80.00-82.50, Choice 72.00-78.00, Good 61.00-68.00, Standard & Good 110-130 lbs. 51.00-56.00, 90-110 lbs. 47.50-49.50, 70-90 lbs. 43.50-46.50, Utility 40-60 lbs. 32.50-39.50.

FARM CALVES: Holstein bulls 90-130 lbs. 60.50-84.50, Holstein heifers 90-120 lbs. 49.00-58.00.

HOGS 172: US No. 1-2 200-240 lbs. barrows & gilts 51.50-52.50, No. 1-3 250-280 lbs. 49.75-51.25, No. 2-3 160-190 lbs. 46.25-50.25. Sows: US No. 1-3 400-600 lbs. sows 45.25-47.50, No. 23- 400-600 lbs. 42.25-44.75. Boars: 31.25-34.00, Light weights 34.25-37.00.

FEEDER PIGS 26: US No. 1-3 25-30 lbs. feeder pigs 12.00-16.00 per head, No. 1-3 40-50 lbs. 21.00-26.00 per head.

SHEEP 4: Slaughter ewes 12.00-18.00. GOATS 3: 13.00-31.00 per head.

Valley Livestock

Athens, Pa.
Monday, November 26
Report supplied by auction

Holstein Hfr. Calves to 62.00.
Veal Calves 65.00-73.00.
Vealer Bull Calves 65.00-75.00.
Slaughter Calves 40.00-50.00.
Grassers & Feeders 32.00-41.00.
Lambs 50.00-67.00.
Sheep 15.00-29.00.
Hogs, 200 to 250 47.00-52.50.
Sows 36.00-42.00.
Boars 30.00-34.00.
Pigs 2 common ones to 11.00 ach.
Heifers 38.00-53.00.
Steers no top steers.
Steers, feeder 36.00-50.00.
Bulls 38.00-45.00.
Cows, utility 35.00-38.00, top).25.
Cows, fat 35.00-38.00.
Cows, medium 33.00-36.00.
Cows, poor or small 25.00-32.00.
Cattle Market higher.
Calf Market higher.
Horses to 225.00.
Ponies 37.50.
Remarks Market should be ıgher next week.

It's simply not true.

The last few years have been tough for farmers in south central Pennsylvania. You've had to deal with the deadly Avian influenza and an unusually dry year that produced low crop yields. You've suffered through low egg prices, reduced milk prices, and marginal pork prices. And, in general, you've experienced high interest rates.

As a major lender committed to the agricultural industry, Commonwealth National Bank has witnessed these bad and difficult times firsthand through many of our agricultural customers. The pressures brought about by the events of the past few years have caused many of these customers to turn to us for help. As a result, we've spent a great deal of time working to get them out of some tight spots. We've restructured loans and, where appropriate, we've offered extensions. In all cases, we've worked hard to provide good, sound advice on the best course of action to follow. In short, we've remained committed.

To some, our commitment to lending may seem to have waned as we continue our work to help those among you who need it most. But be assured that our commitment has never stopped. When you need us, we'll be there as strong as ever—with aggressive prudent lending, competitive rates, and just plain hard, honest work.

Commonwealth National Bank not committed to agriculture? *It's simply not true,* and no one knows it better than I do.

Charles F. Merrill
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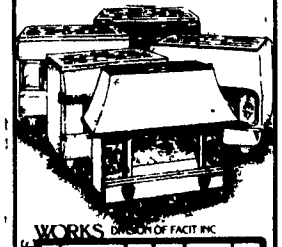

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Lebanon Valley Livestock

Fredericksburg, PA
Tuesday, Nov. 27
Report supplied by PDA

CATTLE 252. Few Choice 1055-1280 lbs. slaughter steers 64.75-67.25, one at 63.00, few Good 57.50-63.85, Good & Choice holsteins 1120-1705 lbs. 56.00-61.10, Standard 50.25-54.75, one 1600 lbs. at 49.75. Choice 865-1105 lbs. slaughter heifers 56.75-60.85, few 62.75, few Good 54.35-57.25, few Utility & Standard 48.25-52.50. Breaking Utility & Commercial slaughter cows 37.25-38.25, few 41.00, Cutter & Boning Utility 34.00-37.00, few 37.60, Canner & Low Cutter 30.50-33.85, few down to 28.00, few Shells down to 22.50. Few Good slaughter bullocks 49.00-52.25, one 62.00. Few Standard 46.50-49.00. Few Yield Grade No. 1 1300-1740 lbs. slaughter bulls 45.75-51.85.

CALVES 250: One Choice vealer at 60.00, few Standard and Good 115-130 lbs. at 64.00, 90-115 lbs. 43.00-46.00, 65-90 lbs. 37.00-43.00, Utility 65-90 lbs. 24.00-35.00.

FARM CALVES: Holstein Bulls 90-125 lbs. 50.00-69.00, one 74.00, few down to 45.00.

HOGS 122: US No. 1-2 235-265 lbs. barrows and gilts 51.50-52.10, lot No. 1-3 228 lbs. at 50.75, few No. 2-3 220-235 lbs. 50.00-50.35, few 270-290 lbs. 47.00-47.25, lot #3 265 lbs. at 45.00. US No. 1-3 310-580 lbs. sows 43.50-47.00, few 48.25, No. 2-3 315-570 lbs. 39.25-42.75, few 46.00. Few Boars 31.00-33.00, few light weights 34.00-35.25.

FEEDER PIGS 15: Lot US No. 1-3 60 lbs. feeder pigs at 68.00 per hundredweight.

SHEEP 16: Few Good 55-70 lbs. wooled slaughter lambs 46.00-51.00, one 25 lbs. at 56.00, few Utility 45 & 55 lbs. 36.00 & 38.00. Few slaughter ewes 13.00-22.00; two Yearlings 30.00 & 45.00.

Dewart Livestock

Dewart, Pa.
Monday, November 26, 1984
Report Supplied by PDA

CATTLE 199. Compared with last Monday's market, slaughter cows 75 cents-$1.50 higher. Choice 2-4 975-1395 lbs. slaughter steers 64-68.75, few Good & Choice 62.50-64.50, Good 56.00-63. Few Choice slaughter heifers 60-65.25, few Good 58.00-59.00. Breaking Utility & Commercial slaughter cows 36-40.85, couple 45.00, Cutter & Boning 34-37.50, Canner & Low Cutter 31.75-34, Shells down to 25.00. Couple Good slaughter bullocks 52.75&53. Yield Grade No. 1 950 lbs. slaughter bull at 39.75, and one 1245 lbs. at 44.50.

CALVES 165. Individual Prime vealer at 104.00, few Choice 73.00-98, Good 57.00-77, Standard & Good 70-105 lbs. 44.00-50, two Utility 65&90 lbs. 42.00&45.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 54.00-67.00.

HOGS 154. Barrows and gilts about steady. US No. 1-2 210-250 lbs. barrows and gilts 51.30-52.60, few lots No. 1-3 220-260 lbs. 50-51.50, No. 1-3 165-195 lbs. 41-49.90. US No. 1-3 350-450 lbs. sows 38.00-42, few 500-600 lbs. 42.00-48.

FEEDER PIGS 144. US No. 1-3 20-35 lbs. feeder pigs 12.00-17 per head, 40-50 lbs. 23-27.50 per head.

SHEEP 1. Individual Choice slaughter lamb (wool) 75 lbs. at 52.00.

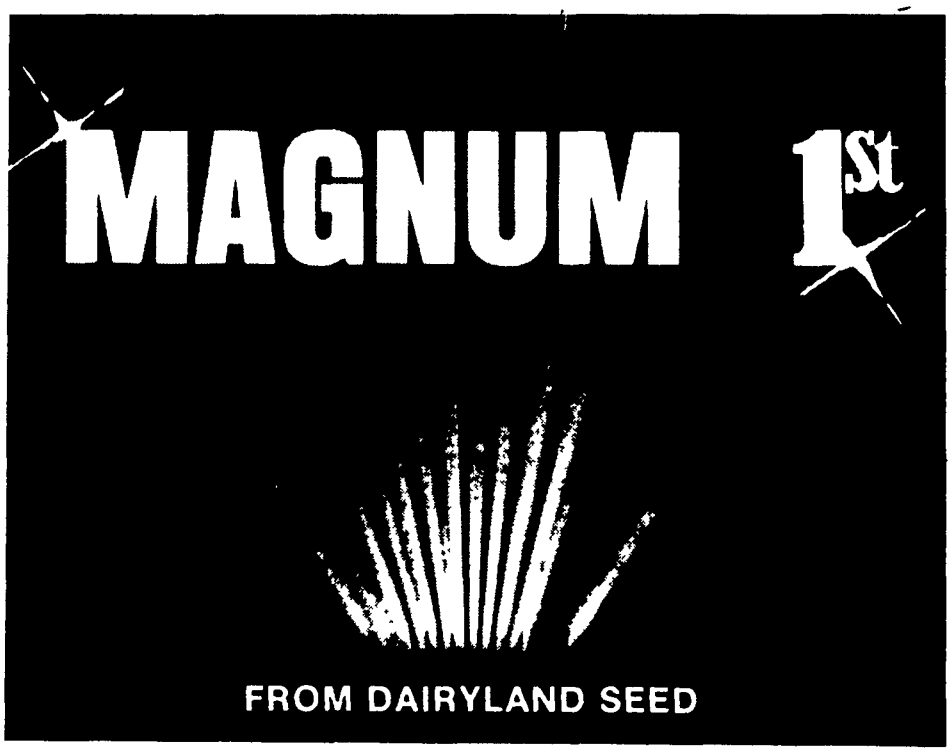
Peoria Cattle

Thursday, November 29, 1984
Report Supplied by USDA

Compared with last week bulk of slaughter steers .50 to 1.00 higher; slaughter heifers mostly 1.00 higher. Most price advance early as dressed beef prices for choice cattle went unquoted at midweek due to very light demand. Cows steady to mostly 1.00 lower. Bulls weak to 2.00 lower in limited test. Supply mainly good and choice steers and heifers with 25% cows. Receipts this week about 1900 as compared to 1469 a week ago and 1969 a year ago.

SLAUGHTER STEERS: Choice 2-4 1200-1350 lbs. 66.50-67.50, part load 67.75; 1050-1200 lbs. 65.50-67.00; 900-1050 lbs. 64.00-66.00. Mixed good and choice 2-3 900-1150 lbs. 62.00-64.00. Good 2-3 60.00-62.00 couple loads mixed good and choice 2-3 holsteins 1145-1240 lbs. 58.50-60.00.

SLAUGHTER HEIFERS: Choice 2-4 950-1100 lbs. 64.50-66.00, few Wednesday 63.00-64.00; 800-950 lbs. 61.00-65.00. Mixed good and choice 2-3 900-1000 lbs. 62.00-64.00. Good 2-3 59.00-63.00.



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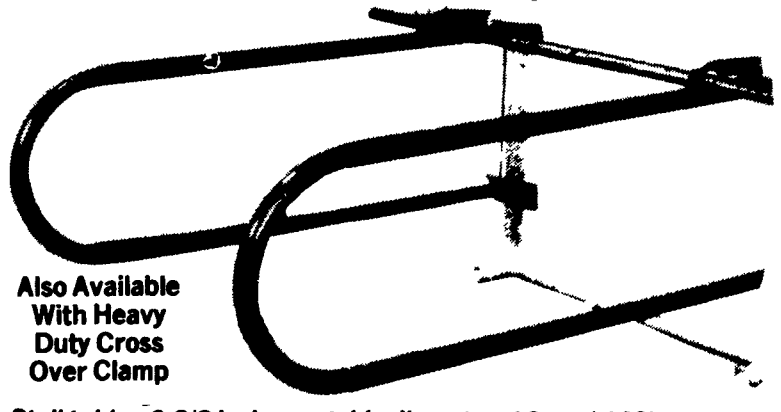

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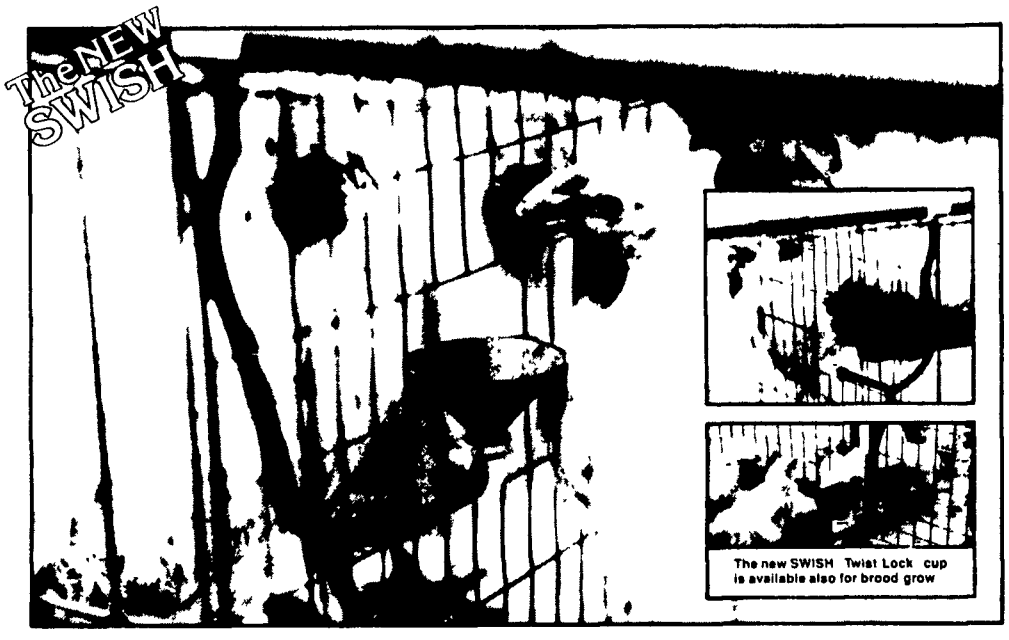

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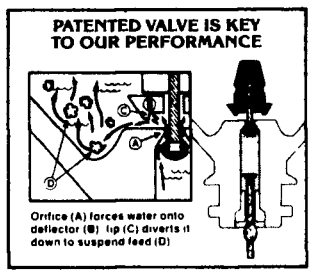

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Livestock market and auction news

Leesport Livestock Auction

Leesport, Pa.
Wednesday, November 28
Report supplied by PDA

CATTLE 286. Compared with last Wednesday's market, slaughter cows steady to $1.50 lower. Few Choice 2-4 990-1330 lbs. slaughter steers 63.25-67.00, Good 58.00-64.00, few Good holsteins 52.85-54.50, few Standard 46.35-51.50. Few Choice slaughter heifers 57.25-60.00, few Standard 46.00-50.00. Breaking Utility & Commercial slaughter cows 34.50-38.25, couple 42.25, Cutter & Boning 33.75-37.25, couple 38.35, Canner & Low Cutter 29.50-33.75, Shells down to 25.00. Few Good slaughter bullocks 53.75-61.25. Yield Grade No. 1 1050-1980 lbs. slaughter bulls 45.00-53.25.

FEEDER CATTLE: Lot Large Frame #2 755 lbs. holstein heifers at 33.60. Medium Frame #1 4-675 lbs. bulls 37.50-48.50.

CALVES 214. Vealers grading Standard and Good $3-$5 higher. Few Choice vealers 69.00-95.00, Good 55.00-65.00, few Standard & Good 110-115 lbs. 45.00-55.00, 70-105 lbs. 38.00-48.00, Utility 70-90 lbs. 35.00-40.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 47.00-68.00.

HOGS 317. Barrows and gilts steady to $1 lower. US No. 1-2 210-240 lbs. barrows and gilts 51.50-52.00, lot 52.50, No. 1-3 240-275 lbs. 48.50-50.50. Sows strong to $1 higher. US No. 1-3 325-450 lbs. sows 43.25-44.50, 490-685 lbs. 46.00-49.00. Boars 28.00-32.50, one 38.00.

FEEDER PIGS 356. US No. 1-3 20-44 lbs. feeder pigs 76.00-105.00 per hundredweight, 45-60 lbs. 61.00-79.00, few lots 162-172 lbs. 45.50-47.00 per hundredweight.

SHEEP 31. Few Choice 80-125 lbs. wooled slaughter lambs 60.00-69.00. Slaughter ewes 15.00-23.00. GOATS 23: Large 21.00-54.00 per head, few Kids 10.00-18.00.

Keister's Middleburg Auction

Middleburg, Pa.
Tuesday, Nov. 27
Report supplied by PDA

CATTLE 141: Compared with last Tuesday's Market slaughter cows mostly .50-1.50 higher. Individual Choice Holstein 59.10, Good with a few Low Choice 54.50-64.00, Good holsteins 50.25-53.75, Standard 49.75-53.35. Individual slaughter heifers at 58.00, Few Good 48.00-52.00. Few Breaking Utility & Commercial slaughter cows 35.00-39.00, Cutter & Boning Utility 33.50-37.00, Individual 42.25, Canner & Low Cutter 30.50-33.75, Shells down to 24.50. Couple Good bullocks 58.00 & 58.25. Couple Yield Grade No. 1 1215 lbs. slaughter bulls, at 53.00, 1500 lbs. at 54.25. 54.25.

CALVES 146: Few Choice 73.00-87.00, Few Good 57.00-71.00, Standard & Good 70-105 lbs. 42.00-50.00, few Utility 70-90 lbs. 30.00-40.00.

FARM CALVES: Holstein bulls 90-130 lbs. 50.00-60.00 Couple 67.00.

HOGS 171: Barrows & gilts 1.50 lower. US No. 1-2 205-235 lbs. barrows & gilts 50.85-52.00, few Lots No. 1-3 210-260 lbs. 47.50-50.25. Sows US No. 1-3 375-610 lbs. sows 41.25-46.00. Two Boars 32.50 & 35.00.

FEEDER PIGS 158: US No. 20-35 lbs. feeder pigs 26.00-35.00 per head, No. 1-3 40-60 lbs. 38.00-43.00.

SHEEP 9: Few Choice 60-130 lbs. Wool Slaughter Lambs 56.00-60.00, few Good 50-60 lbs. 50.00-52.00.

Indiana Livestock

Homer City, Pa.
Thursday, Nov. 29
Report supplied by PDA

CATTLE: 239. Sl. steers: few Choice 65.00-66.25, Good 58.00-62.50, Standard 49.00-57.00. Sl. heifers: few Choice 60.25-61.25, Good 53.00-58.25, few Standard 47.00-53.00. Sl. cows: 35.00-39.00; Cutter & Boning Utility 33.00-37.00; Canner and low Cutter 26.25-33.00. Sl. bulls: few Yield Grade 1 1100-1950 lbs. 40.00-44.00.

FEEDER CATTLE: Steers, few Medium & Large Frame 1, 635-850 lbs. 48.00-52.25; heifers, Medium Frame 1 430-750 lbs. 37.00-43.25.

CALVES: 196. Few Choice 60.00-70.50, Good 53.00-60.00, Standard 47.50-53.00, 90-125 lbs. 43.00-52.00, 60-85 lbs. 30.00-45.00.

FARM CALVES: Hol. bulls 95-135 lbs. 60.00-74.00.

HOGS: 181. US 1-2 205-245 lbs. 52.25-53.25; 1-3 205-260 lbs. 50.00-51.50; Sows 1-3 275-610 lbs. 41.50-46.00.

FEEDER PIGS: 36. Few 25-35 lbs. 12.00-16.50, few 40-50 lbs. 19.00-26.00 per head.

SHEEP: 68. Few high Choice & Prime 95-110 lbs. 60.50-61.00; Choice 60-80 lbs. 53.00-56.00.

Greencastle Livestock

Greencastle, Pa.
Monday, November 26, 1984

CATTLE 327. Butcher Steers-Choice 67.00-69.50; Butcher Steers-Medium-Good 54.00-67.50; Butcher Heifers-Choice 61.00-64.50; Butcher Heifers-Medium-Good 45.00-61.50; Butcher Cows-Utility-Good 37.00-42.75; Butcher Cows-Canners and Cutters 35.00-40.50; Butcher Cows-Shells 35.00 and down; Butcher Bulls-Medium-Good 41.00-50.75; Stock Steers-Medium-Good up to 57.00; Stock Heifers-Medium-Good 47.00.

CALVES: Medium-Good Calves-160-220 lbs. 60.00-76.00; Medium-Good Calves-125-160 lbs. 50.00-65.00; Medium-Good Calves-100-120 lbs. 45.00-60.00; Medium-Good Calves-80-100 lbs. 40.00-55.00; Holstein Bull Calves up to 75.00; Holstein Heifer Calves 62.00; Light and Green Calves down to 20.00.

SHEEP and LAMBS 10. Light and Cull Lambs 40.00-43.00; Butchering Ewes and Bucks 15.00-19.00.

HOGS 85. Good-Choice Butcher Hogs 190-225 lbs. 49.00-51.75; Good-Choice Butcher Hogs 225-250 lbs. 51.00-51.75; Good-Choice Butcher Sows 400 lbs., up to 47.50; Good-Choice Butcher Sows 400 lbs., up 48.00; Heavy Boars 35.50; Pigs-Per Head 15.00-35.00.

Chambersburg Livestock

Chambersburg, Pa.
Thursday, Nov. 29
Report supplied by PDA

CATTLE: 349. Sl. steers: few Good 56.00-59.75, few Standard 47.00-53.00. Sl. cows: Breaking Utility & Commercial 34.50-38.85, Cutter & Boning Utility 32.00-36.75, Canner & low Cutter 28.00-32.50. Sl. bulls: 1110-1600 lbs. 41.75-49.25.

FEEDER CATTLE: Steers, few Medium Frame No. 1 390-790 lbs. 37.50-48.50.

CALVES: 462. Few Choice 69.00-79.00, few Good 55.00-65.00, 70-105 lbs. 39.00-49.00.

FARM CALVES: Hol. bulls 90-130 lbs. 48.00-68.00; hol. heifers 90-120 lbs. 46.00-62.00.

HOGS: 77. Few lots 1-3 220-255 lbs. 49.85-50.25, few lots 2-3 325-360 lbs. 44.00-46.50; Sows 1-3 340-620 lbs. 38.25-45.00.

FEEDER PIGS: 33. Couple lots 45 lbs. at 25.00 per head.

SHEEP: 22. Good 50-75 lbs. 58.00-58.50.

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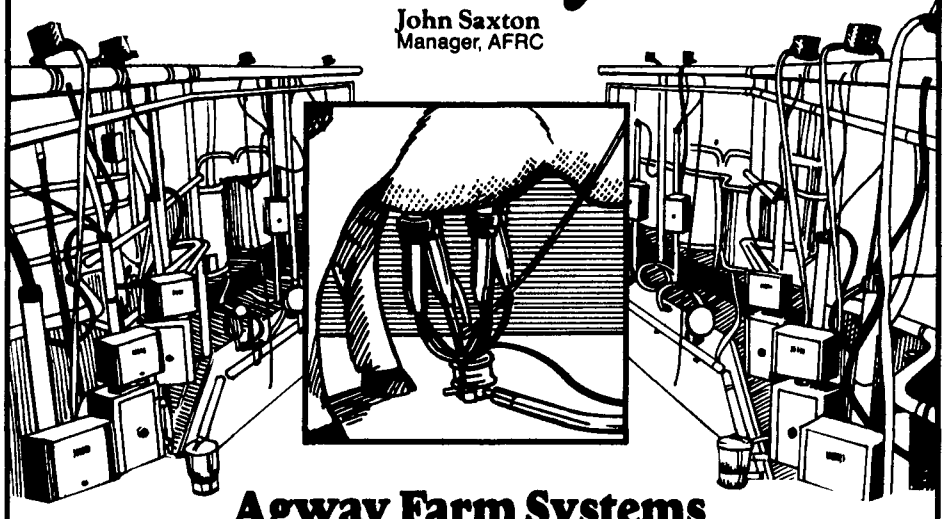
John Saxton
Manager, AFRC



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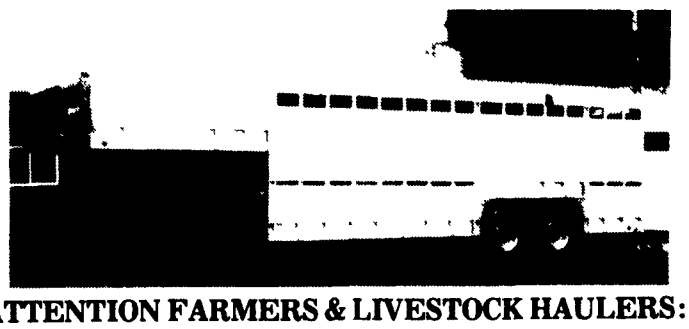

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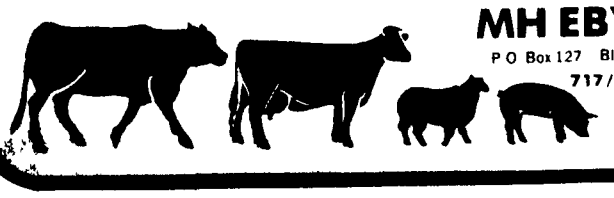

MH EBY, INC.
P O Box 127 Blue Ball PA 17506
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Livestock market and auction news

Weekly Summary

Harrisburg, Pa.
Friday, November 30
Report supplied by PDA

CATTLE: 5771. Compared with 4091 head last week, and 6408 head a year ago. Compared with last week's market: Sl. steers mostly steady to 1.00 lower; heifers steady to strong; cows uneven, mostly steady to weak, bulls mostly 1.00-2.00 higher. Sl. steers: few high Choice & Prime 3-4 68.10-73.75, Choice 2-4 64.00-71.00, Good 57.50-65.00, Standard 49.00-57.00. Sl. heifers: Choice 60.00-67.00, Good 54.00-61.00, Standard 45.00-53.00. Sl. cows: Breaking Utility & Commercial 36.00-40.25, Cutter & Boning Utility 33.50-38.00, Canner & low Cutter 27.00-34.00, shells down to 32.00. Sl. bullocks: few Good 54.00-61.25. Sl. bulls: Yield Grade 1 1000-1980 lbs. 45.00-53.00; Yield Grade 2 900-1450 lbs. 40.00-47.00.

FEEDER CATTLE: Medium Frame 1 325-850 lbs. 39.00-52.00. Heifers, Medium Frame 1 300-580 lbs. 30.00-43.75, Medium Frame 2 320-650 lbs. 28.25-36.25. Bulls, Medium Frame 1 400-675 lbs. 37.50-52.00, Mledium Frame 2 300-750 lbs. 30.00-39.00.

CALVES: 4926. Compared with 3452 head last week, and 4812 head a year ago. Uneven, mostly steady to 5.00 lower. Few Prime 99.00-110.00, Choice 69.00-99.00, Good 55.00-75.00; 110-130 lbs. 45.00-65.00, 90-110 lbs. 40.00-50.00, 65-90 lbs. 25.00-42.00; Utility 50-100 lbs. 10.00-40.00.

FARM CALVES: Hol. Bulls 90-125 lbs. 47.00-81.00, mostly 58.00-70.00; few Hol. Heifers 85-140 lbs. 46.00-62.00.

HOGS: 5852. Compared with 5649 head last week, and 6395 head a year ago. Highly unven. US 1-2 210-245 lbs. 51.50-53.00; 1-3 210-255 lbs. 48.50-52.50; 2-3 225-285 lbs. 47.50-50.00; 1-3 140-190 lbs. 38.00-48.00; Sows strong to 1.00 higher, spots 2.00 higher. US 1-3 300-650 lbs. 42.00-47.75; 2-3 300-685 lbs. 38.00-42.75. Boars 28.00-33.00.

FEEDER PIGS: 1055. Compared with 1235 head last week, and 878 head a year ago. Mostly 2.00-3.00 lower. 20-35 lbs. 11.00-20.00, 35-50 lbs. 23.00-38.00, 80-100 lbs. 34.00-43.50.

2 GRADED FEEDER PIG SALES: 1128. Compared with 1965 head last week and 1750 head a year ago. Uneven, mostly 5.00-11.00 higher. US 1-2 25-40 lbs. 92.00-116.00, 40-50 lbs. 86.00-110.00, 50-60 lbs. 83.00-108.00, 60-85 lbs. 76.00-84.00; 2-3 30-40 lbs. 92.00-106.00, 40-60 lbs. 73.00-98.00.

SHEEP: 1141. Compared with 1022 head last week, and 631 head a year ago. Steady to 1.00 lower, spots 4.00 lower. High Choice & Prime 90-115 lbs. 59.00-69.00; Choice 80-130 lbs. 56.00-62.00; Good 50-75 lbs. 45.00-57.00. Ewes: 10.00-23.00.

Belknap Livestock

Dayton, Pa.
Wednesday, November 28
Report Supplied by PDA

CATTLE 80. One Standard slaughter steer at 46.75. Breaking Utility and Commercial slaughter cows 36.00-39.50, couple 42.25 & 42.50, Cutter & Boning Utility 33.50-37.50, Canner & Low Cutter 27.50-33.75, Shells down to 22.50. One Yield Grade No. 1 1880 lbs. slaughter bull at 44.75.

FEEDER CATTLE: Few Medium Frame #1-2 320-585 lbs. steers 39.00-45.00. Few Medium Frame # 380-650 lbs. 28.25-33.00 Medium Frame #2 330-740 lbs. bulls 30.00-39.00.

CALVES 90. Few Good vealers 63.00-72.00, Standard & Good 90-125 lbs. 40.00-50.00, 65-85 lbs. 25.00-43.00, Utility 50-100 lbs. 10.00-25.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 50.00-75.00, mostly 55.00-65.00. Beef cross bulls and heifers 70-110 lbs. 40.00-51.00.

HOGS 219. US No. 1-2 220-240 lbs. barrows and gilts 49.50-51.00, No. 1-3 2-250 lbs. 48.50-50.00, lot No. 2-3 280 lbs. at 46.00, lot 310 lbs. at 44.25, lot No. 1-3 195 lbs. at 44.75. US No 1-3 290-480 lbs. sows 42.00-47.75.

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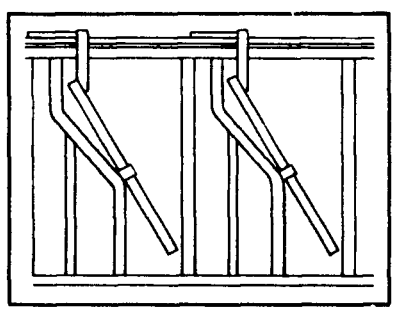

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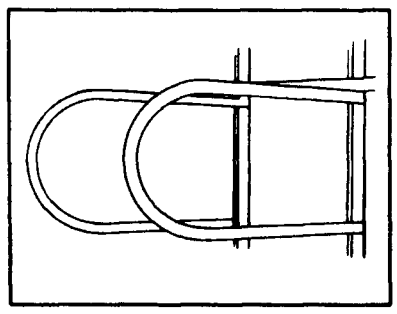

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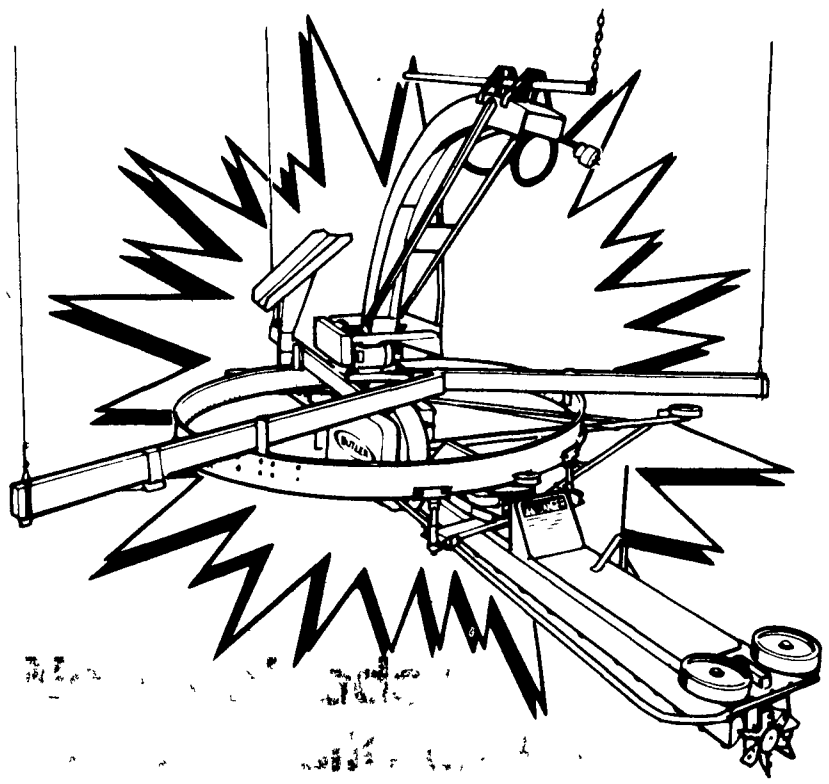

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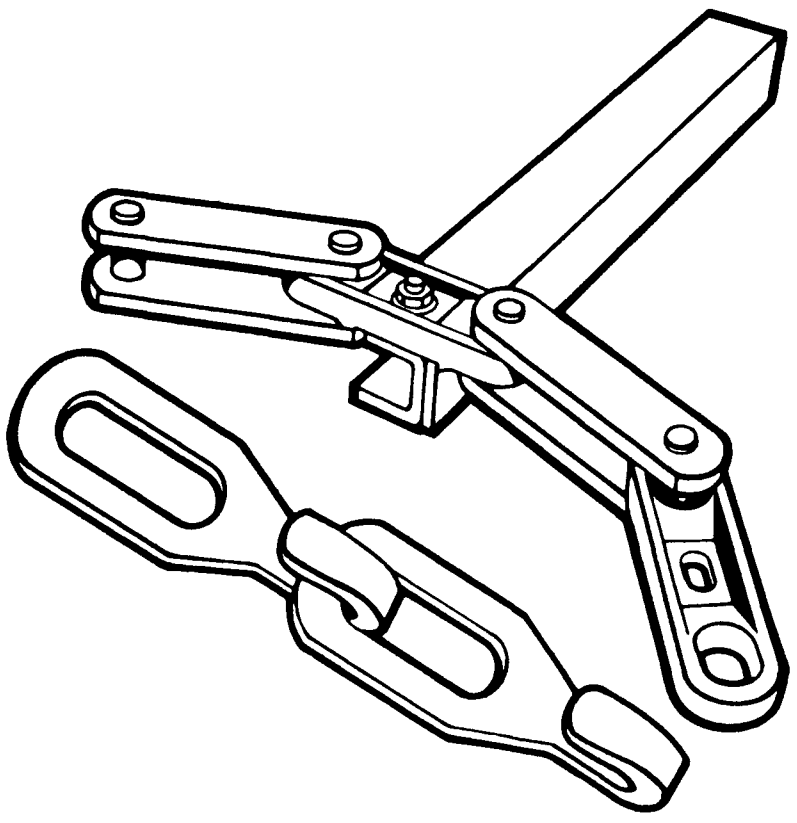

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Hickorymea boasts polled Holstein

BY JOYCE BUPP
Staff Correspondent

AIRVILLE — There are farms from which the younger generation cannot flee fast enough in order to pursue careers outside of agriculture.

And then there are farms like Hickorymea Holsteins, home of the T. Edwin and Doris Johnson family.

Hidden back a farm lane, on the edge of the village of Airville, Hickorymea boasts a herd of 65 registered Holsteins (a majority of them polled), three members of a winning FFA dairy judging team, a trio of DHIA testers and a fourth generation already enjoying the family farm.

The Johnson's five children are deeply committed to the dairy business. All have graduated from, or are presently students in the Red Lion High School's vocational-agriculture and FFA program. Most of them have grown up with 4-H dairy judging, and showring experience. All have, or expect to, continue working in the dairy industry.

"I wouldn't want to do anything else," affirms Patti, the oldest, and a 1976 graduate of vo-ag. Although she had worked briefly at a nearby restaurant, several years ago Patti accepted a position as a DHIA tester. She now has 37 herds in southern Lancaster County on her testing route.

"Every day, every place, every farm is different; no two days in a row are alike," says this busy DHIA staffer.

On those rare days she has off, Patti generally chooses to stay home, lending a hand with whatever chores are on schedule for the day. She is also one of the farm's chief calf raisers, caring for the young replacements between milking hours of her clients.

Abbe Johnson Schott, a 1980 Red Lion vo-ag graduate, didn't even wait until she'd finished school to start testing milk. Through most of her senior year, Abbe worked several mornings and evenings each week on her own DHIA route. She had been encouraged to accept the opportunity by her vo-ag instructor, John Myers, and received the blessing of the school principal. A study hall for her first

Generations of Johnsons

All promoters of polled registered Holsteins, the Johnson family also includes three DHIA testers and three members of a winning FFA judging team. From left are Patty, Abbe Schott, Doris with granddaughter Amanda Schott, Chip, Edwina, Ed and Keel.

Winning dairy judges

Red Lion's FFA dairy judging team took first-place honors at the Harrisburg All-American competition. From left are Chip and Edwina Johnson, Jerry Taylor, and Keel Johnson. Edwina's former 4-H project Holstein, Hickorymea Brett Connie, is scored EX-91-2E, and by Chambric Happy Brett.

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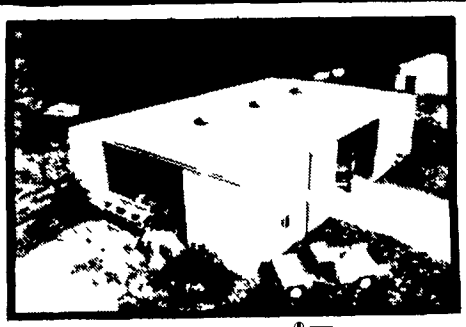

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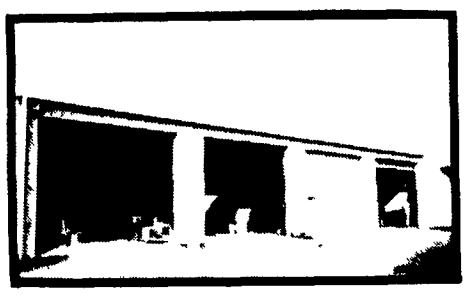

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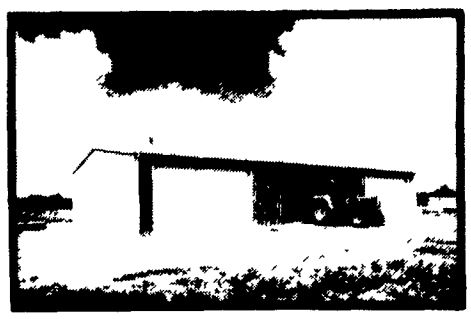

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ns and a family devoted to dairying

class each morning lessened the impact of arriving late at school some days.

Although Abbe had begun testing with just nine herds, in two years her schedule had doubled. She recently returned to the York DHIA testing program, after other employment for an interim. One of the most beneficial angles of her testing job, in Abbe's opinion, is that the milking hours she must work allow her to spend many daytime hours with her two-year-old daughter, Amanda.

When Patti's extremely full schedule occasionally backed up during extra-rushed weeks, it was her youngest sister Edwina who usually lent a hand in catching up on herds Edwina, the third Johnson daughter, graduated in June, and by August the York DHIA board had signed her one. She now tests for a full 25-herd schedule of participating dairymen.

Younger brothers Chip, a senior in vo-ag, and sophomore student, Keel, haven't committed themselves to becoming testers, but they definitely do plan to stay in agriculture, possibly with the family's own dairy herd.

Along with Edwina, and fellow FFA'er Jerry Taylor, Chip and Keel comprise Red Lion Chapter's dairy judging team. In September, at the Harrisburg All-American judging contest, FFA division, these four captured first place honors.

They credit their 4-H and FFA judging backgrounds' for the team's success at the Harrisburg competition. One individual singled out as having influenced their judging abilities is Paul King, noted dairy judge, Delta-area Holstein breeder and 4-H coach under whom they have studied.

Taylor's brother, Allen, is a previous FFA dairy judging team competitor, and also spent time working with the four. Jerry and Allen are the sons of Peggy and Donnell Taylor, also a dairy family from Delta.

When Ed and "town girl" Doris Johnson purchased the 150-acre home farm in 1971, they had no way of knowing their children would remain so deeply devoted to dairying. Ed has spent his entire lifetime on this farm where his father, Thomas, had maintained a herd of about 14 head of registered Ayrshires, plus one Holstein herd member.

However, the younger Johnson had always maintained an interest in purebred Holsteins, and in the early 1950's, began gradually switching to grade black and whites.

"Our first registered Holstein was an Ivanhoe from the Parkchester herd," relates Johnson. "And we bought a heifer calf from a neighbor, Dave Walker."

But his interest took a slightly different twist about 1966, when Johnson began looking into polled, or naturally hornless, Holsteins, which still comprise a fairly small percentage of the breed.

Calves at Hickorymea were then housed in small pens within a larger building, a sort of inside hutch arrangement, and tied with dog-leash chains. After one dehorning session, a calf somehow managed to rub her tie chain over the spot where the horn had been removed, causing the wound to reopen, and she bled to death.

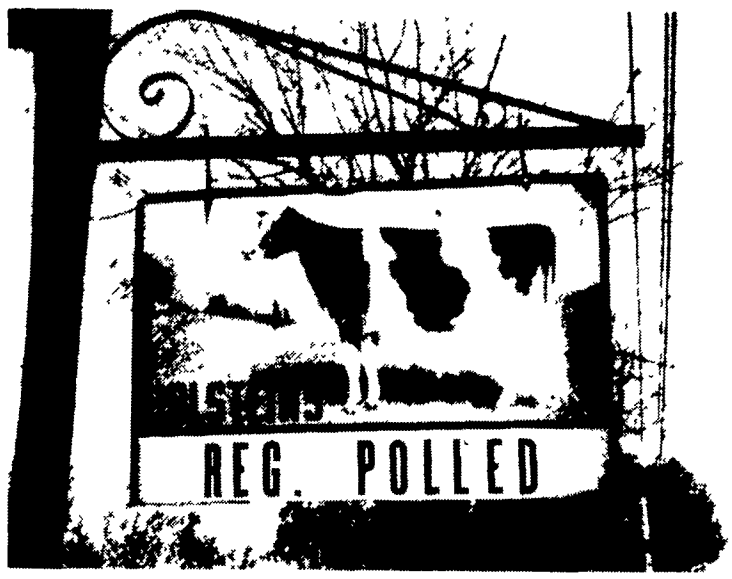
"That turned me on horns," says the polled promoter. "I'd never go back to all horned animals."

Polled lines were introduced to the herd through purchased animals, semen from polled bulls and the select use of Hickorymea's own-bred polled sons. Breeding in the polled lines, while maintaining other desirable traits, is a lengthy process, and the Johnson herd now has about two-thirds registered polled in the milking string.

Commerically available polled sires are limited in number, so Johnson does cross back to high P.D. bulls to maintain milk, fat and type levels. Heifers born with horns will be serviced to polled bulls or semen from polled sires.

"Polled is a dominant trait," he adds, "and the first crossing gives about a fifty percent success rate. Occasionally, in later generations, there will be a throwback and an animal with horns is born."

Other than not having to deal with the inconvenience of dehorning calves, with the potential of stunting through dehorning side effects, Johnson has never seen a difference between polled and regular Holstein cattle. All are equally aggressive at the feedbunk and productive in the milk line.



Hornless Holsteins

Dairy business - we wouldn't want to do anything else

While the Johnsons did not necessarily have a "game plan" to keep their children active in the dairy industry, one interesting family tradition has tied birthdays to the family cattle.

As each child celebrated a birthday, he or she was given the bull calf born on or nearest that day. The calf became the youngster's to sell at auction, the proceeds to go for whatever special purpose the celebrant intended. Since calf prices often fluctuate with the status of the agricultural economy, it was just one small, and unique, way to interest a youngster in the state of the family business.

Although encouraged by their vo-ag instructor to stay in ag-related jobs after graduation, the Johnson children have only one real reason for doing so. It's Patti who sums it up the best: "I just like it."

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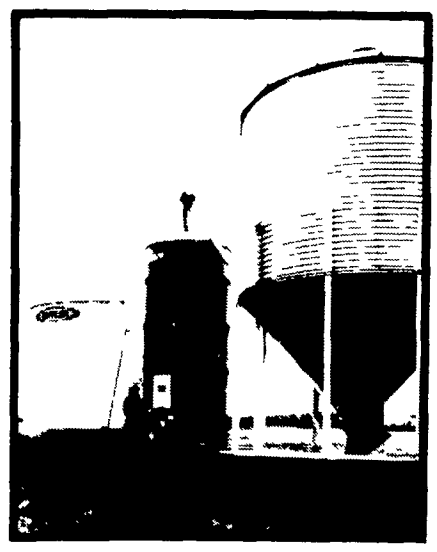

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Agents honor Snider

IMLER — Obie Snider, of Imler, has been named receipient of the 1984 Honorary County Agent Award presented by the Pennsylvania Association of County Agricultural Agents.

The Bedford County dairyman received the award, a "bullskin," Oct. 29 at the agents association annual meeting on The Pennsylvania State University's main campus. He was honored for his public service work in behalf of the Cooperative Extension Service.

John Holbert, Beford County Extension director, who made the award presentation, pointed out that Snider has been involved in Extension Service programs since the early 1950s. He serve as a 4-H club leader and helped guide educational programs as a member of the executive board of the Bedford County Extension Association.

In 1979, the new Honorary County Agent was elected to the Penn State board of trustees where he presently serves as chairman of the finance committee.

Several years ago, Snider was named by Penn State officials to serve as chairman of the Ag Arena Fund Drive. In that capacity, he provided leadership in raising more than $1 million to construct a facility on the main campus for classroom use and activities by students and statewide organizations.

A 1950 Penn State dairy science graduate, the award receipient has developed an outstanding herd of 200 Holstein cows.

Presenting Honorary County Agent "bullskin" to Obie Snider, center, are John Holbert, left, Bedford County Extension director, and Robert Hetrick, right, Blair County Extension director and president of the Pennsylvania Association of County Agricultural Agents.

Milk marketing update planned

CHAMBERSBURG — Keith Eckel, Pa. Farmers Association President and a member of the National Dairy Promotion & Research Board, will be one of the featured speakers at an upcoming "Milk Marketing Update" meeting sponsored by the Franklin County Extension Service. The meeting, which is open to all area dairymen, will be held at the Chambersburg Holiday Inn on Monday. Starting time is scheduled for 9:30 a.m. with adjournment at 2:30 p.m.

Eckel's topic will be "A Look at Promotion and Research at the National Level". Other speakers include Gene Veno, Executive Secretary, PA Milk Marketing Board, and Thomas Jurchak, Lackawanna County Extension Director and author of the "Milk Market News" newsletter which appears in various farm newspapers. Veno's topic will be "Why The PA Milk Marketing Board?" and Jurchak will comment on "The Current Dairy Situation and Outlook for 1985".

The morning program will begin with a segment on "What My Cooperative Has To Offer". Panel participants scheduled to take part in this discussion include:

H. Eugene Lawson, Director, Capitol Milk Producers; Boyd Cook, Assistant Manager, Dairymen, Inc. Middle Atlantic Division; George Stambaugh, Director, Eastern Milk Producers; James Fraher, Economist, Inter-State Milk Producers; Norman Sollenberger, Director, Lehigh Valley Farmers; Richard Fries & Paul Hornbaker, Directors, MD & VA Milk Producers; Wallace Willig, Manager of Milk Marketing, Hershey Chocolate Company.

A registration fee of $5 per person will be collected at the door to cover expenses plus provide lunch. Anyone desiring more information may contact the Franklin County Extension Office at 717-263-9226.

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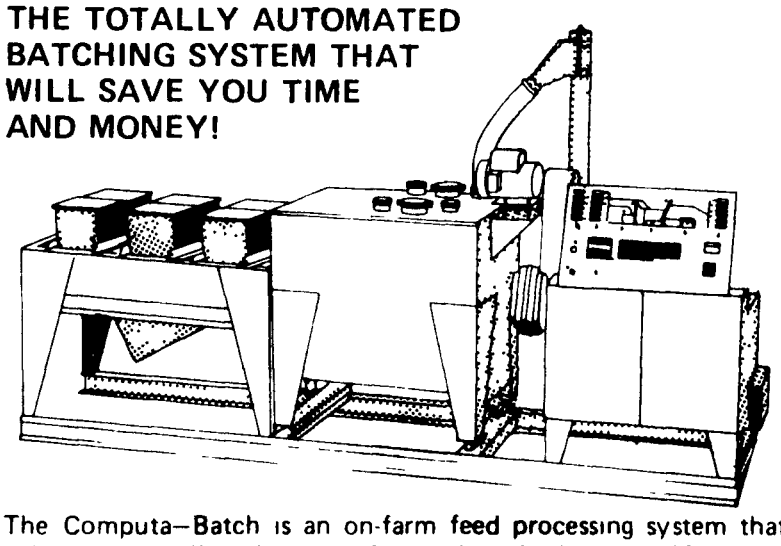

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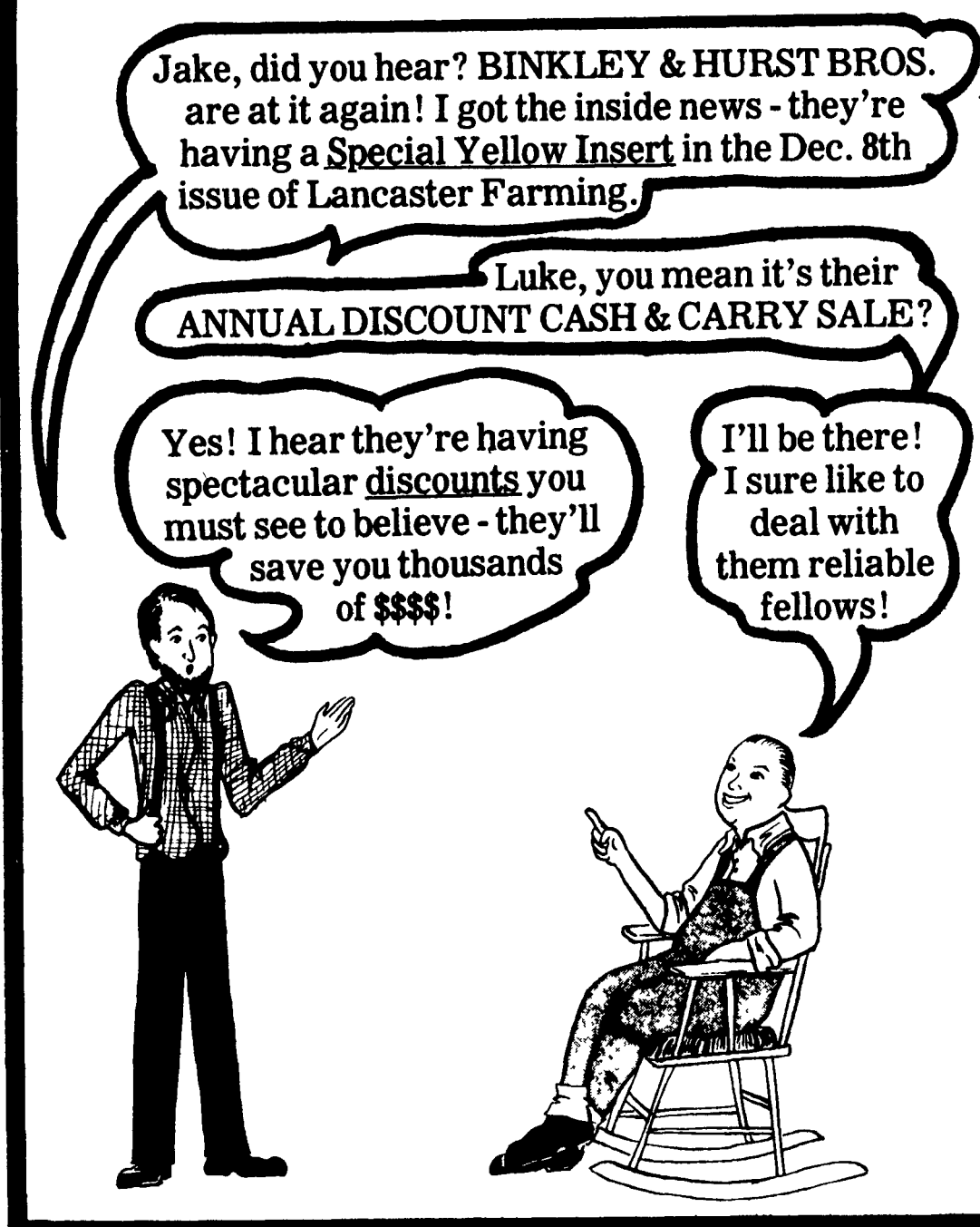
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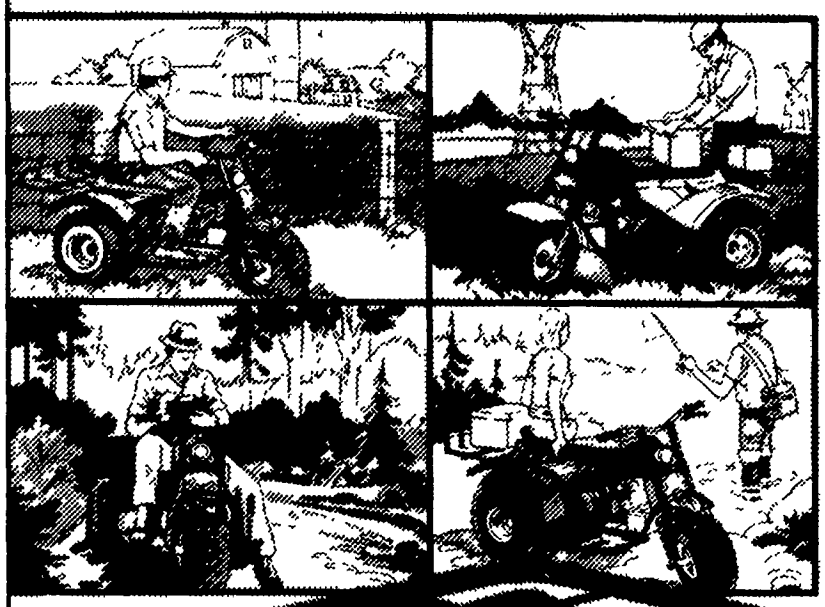

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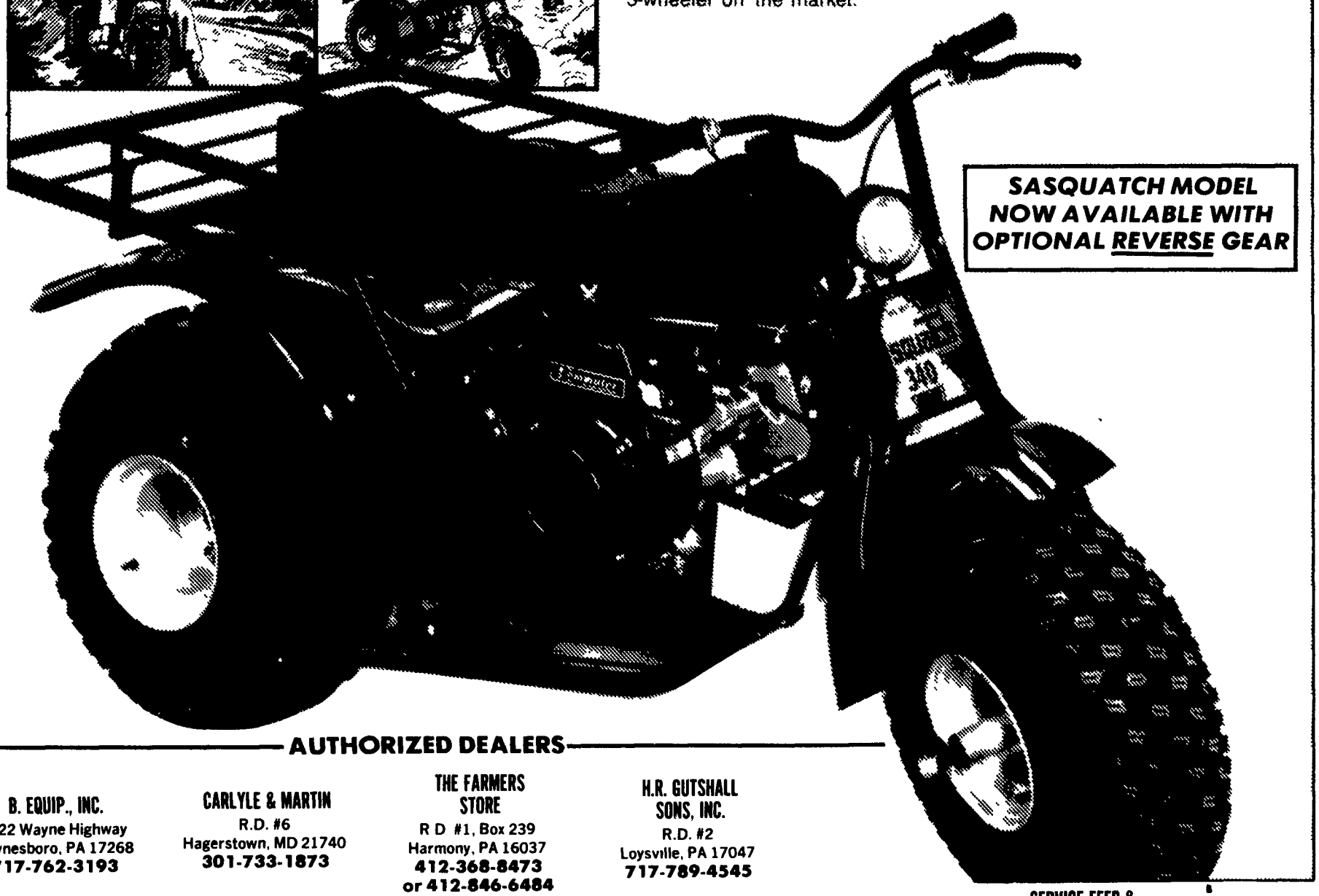

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Blair DHIA winners

High herd in production plaque in Blair County DHIA goes to Tom Kelly, whose herd averaged 21,176 lbs. of milk, 771 lbs. of butterfat and 688 lbs. of protein.

Among the top DHIA production winners in Blair County are, from the left, Tom Kelly, Carol Hoover and Gary Bechtel.

Wilson herd produces in Bucks DHIA

DOYLESTOWN — At the conclusion of its 61st year, Bucks County DHIA had five herds with rolling herd averages exceeding 19,000 pounds of milk. Fifty-one whole year members completed the DHIA testing year on Sept. 30.

Theodore S. Wilson, Richboro, achieved the highest production in both the milk and protein categories with 19,889 lbs. of milk and 646 pounds of protein from his 60 head of registered and grade Holsteins.

Other herds with over 19,000 pounds milk, all of which were Holstein, were: Crooked Acres Dairy, New Hope; Delaware Valley College, Doylestown; Walter and David Wurster, Ottsville; and Happi Hollow Farm, Perkasie.

Crooked Acres Dairy also topped the butterfat category with 736 pounds on 55 registered Holsteins.

Seven other herds also produced more than 700 pounds of butterfat. They were: Theodore S. Wilson; Delaware Valley College, with both the Brown Swiss and Holstein herds; J. Howard Roth, Kintnersville; Richard O. Smith, New Hope; Walter and David Wurster; and Ken and Virginia Hager, Kintnersville. The Smith herd is registered Guernseys.

The Bucks county average per cow was 15,950 lbs. milk and 604 lbs. fat with a 3.78 test. The average number of cows in the Association was 3,173.

Officers of the Bucks County DHIA are: David Wolfinger, president; Raymond Gross, vice president; and Clyde Bishop, secretary-treasurer.

Egg production up

HARRISBURG — Pennsylvania's October 1984 egg production totaled 421 million, fractionally above October 1983 production, according to the Pennsylvania Crop and Livestock Reporting Service.

The average number of layers on hand during October 1984 was 18.3 million compared with 19.1 million on hand a year ago. Egg production per 100 layers was 2,299 compared with 2,195 for October 1983.

Brown named Inter-State director

SOUTHAMPTON — H. Lee Brown, an Oxford area dairyman, was recently named the new District 11 director of Inter-State Milk Producers' Cooperative.

Brown, 41, succeeds Horace L. Prange, who retired from the Inter-State Board of Directors at the cooperative's annual meeting Nov. 15.

A Chester County dairyman, Brown operates a 460-acre farm and owns a herd of 120 Holstein cows. He also raises registered Percheron horses.

Brown has been active in Inter-State affairs since he joined the cooperative in 1966. He served as District 11 president and has participated in local and district activities.

He was a former Elk Township supervisor and has been a member of both the Chester County DHIA and Chester County Farmers Association board of directors.

The Chester County native and his wife, Judy, are the parents of three children – Leigh Ann, 13, Kristen Lee, 10, and Chad, 7.

Horace L. Prange, Cochranville, was an Inter-State director for 14 years. He and his wife, Laura, were honored by District 11 members Nov. 18 at the Russellville Grange Hall. The couple was presented a milk can-shaped plaque designed by Joyce Peifer, Kirkwood, a former Inter-State Young Cooperator.

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McKean DHIA and Holstein awards given

SMETHPORT — Orton Kinney, a Port Allegany dairyman, was named Holstein Man of the Year during the McKean County annual meeting of the Holstein Club and DHIA, held in Smethport, Nov. 13. A plaque of recognition was presented to Kinney by Lawrence Stratton Jr., president of the Holstein Club.

Kinney was recognized for his leadership in and development of Portage Farms Holstein cattle.

Also recognized at the annual meeting were dairymen with outstanding production records. Charles Irons earned the top fat award with an average of 729 lbs. of butterfat from his 80-cow herd.

Irons Farm also received a plaque, sponsored by Sire Power, Inc., for the greatest increase in fat of 126 lbs. over last year.

The highest averages for milk and protein were achieved by John H. Lapp, who manages a herd of 58 cows. The Pennsylvania Dairymens' Association donated a ribbon in recognition of the Lapp records of 18,505 lbs. milk and 608 lbs. protein.

Two other dairymen were recognized by Sire Power, Inc., for increase in production. Kenneth Hagans had the greatest increase in milk with 2504 lbs. over last year. Orville Johnson increased protein production by 104 lbs.

Four other dairymen received ribbons for herds producing over 600 lbs. butterfat. They were: Sy Tanner, Orton Kinney, Donald Michelitsch, and Thomas Spees.

Ribbons were also presented to Lapp and Ray Dillenbeck for high lifetime production cows. Lapp's "Fern," produced 153,301 lbs. milk and 7,264 lbs. fat in 9 lactations. "Bonnie," a Holstein from the Dillenbeck herd, produced 171,151 lbs. of milk and 6,161 lbs. of fat in 7 lactations.

Lapp and Irons also dominated the awards for the top 305 day averages for milk, fat, and protein. Two Lapp cows, "Star," with 25,039 lbs. milk, and "Bambi," with 808 lbs. of protein, took the milk and protein ribbons. Charles Irons' "Samone" produced 1052 lbs. of butterfat in her fourth lactation to take the fat record.

Seventeen herds completed the DHIA testing year in McKean County. They were all presented a certificate by the Pennsylvania Dairymens' Association.

In other business, Orton Kinney and Lester Lapp were re-elected DHIA directors for a 3-year-term, and Neil Gordon and Gene Mantz were elected Holstein club directors.

Fayette DHIA annual awards announced

UNIONTOWN — The Fayette County Extension Service recently extended congratulations to the owners of top producing herds of the Fayette County DHIA program, which concluded its testing year Oct. 1.

Jackson Farms earned outstanding production awards in several categories. The Jackson Farms herd was tops in Fayette County for milk and fat production with 18,021 lbs. of milk and 660 lbs. butterfat.

The high cow in milk and fat production was also owned by Jackson Farms. The record production was 27,513 lbs. milk and 998 lbs. fat.

High herd in protein production was that of Ed Burnworth with 571 lbs. of protein. Burnworth also earned the honors for most improvement in milk and fat per cow, with an increase of 1327 lbs. of milk and 60 lbs. of fat.

The cow with the highest lifetime production was "Ora," owned by Herring Farms. She produced 214,742 lbs. milk.

Randy Brown earned the award for the lowest somatic cell count of 87,000.

Also DHIA tester Richard Ludwig received a Champion Supervisor Award for McKean County. And the 4-H Dairy Club members, including Doug Comstock, Brent Ford, and Beth Stratton, were honored.

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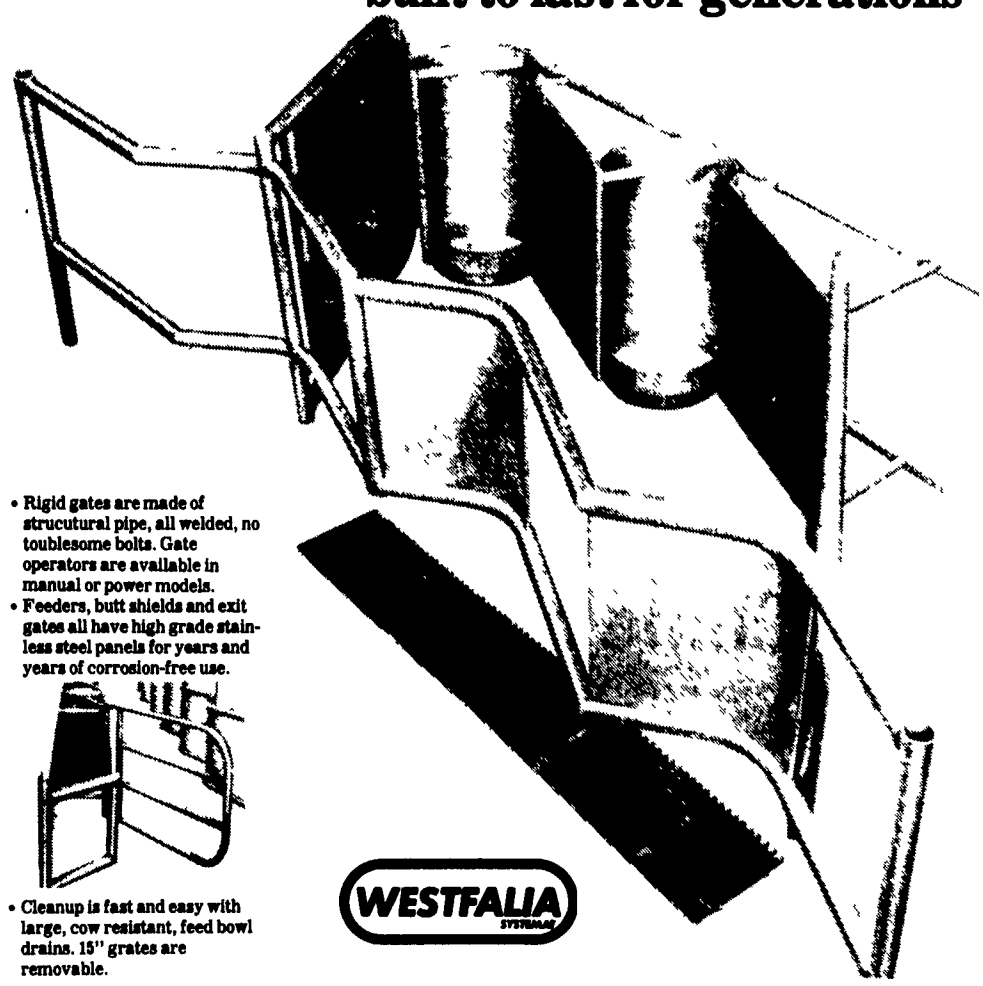

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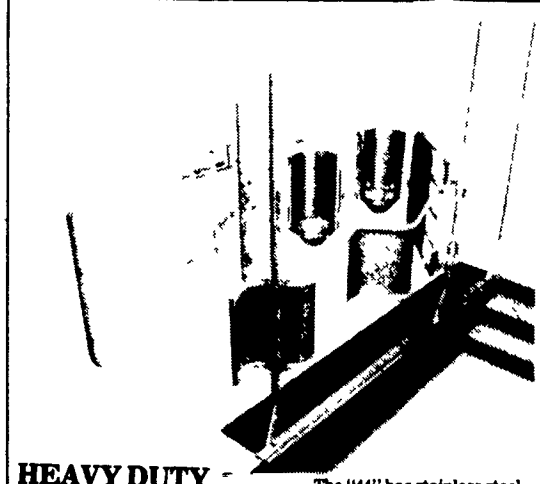

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Can '85 Farm Bill save family farm?

NEWARK, Del. — Family farms can be as efficient as larger ones, but because of current economic pressure they're rapidly disappearing. The 1980s could well be the decade of decision for the family farm.

"Study after study points to U.S. tax policies as a chief cause of the family farm's decline," says University of Delaware extension farm policy specialist Gerald F. Vaughn. "Current tax provisions favor larger farmers and wealthy investors. You can't blame a taxpayer in any bracket for using available tax advantages, but the present system enables high-bracket farm owners to convert their before-tax losses to after-tax profits, at commodity price levels that put lower-bracket farmers out of business."

If family farming is to survive and thrive, Vaughn believes U.S. tax policies must be corrected. "Without unbiased tax policies," he says, "the upcoming 1985 Food and Agriculture Act and other measures can do little to save family farming."

Policy observers also are concerned about American agriculture's recurring instability, which is caused by heavy dependence on unreliable foreign trade, wide annual fluctuations in farm production and prices, dim outlook for commodity price improvement (at least in the short run), and the trend toward fewer and larger farms.

"This instability may warrant a 1985 Farm Bill aimed at reducing price variability and stabilizing, rather than increasing, farm income," Vaughn says. "Taxpayers and federal budget planners are not inclined to support a new round of expensive farm programs."

Four-year farm legislation usually has been written to fit conditions which exist when a bill is drafted. This ignores the inherent instability of agriculture, the specialist says. "Conditions in agriculture seldom remain unchanged during the four-year span and may change substantially. The PIK experience showed how incapable the 1981 farm law was of dealing with such changes."

Vaughn hopes drafters of the 1985 Farm Bill will make it as flexible as possible. He believes it should authorize the widest possible range of options, so that federal programs can respond more quickly and effectively to changing needs than they have in the past. "Flexibility and quick response are critical to achieving greater economic stability in farming," he says.

Along this line, he feels the new bill should include authority for supply management. "If farm commodities are to have a steady and dependable flow into domestic and world markets without programs of enormous cost to the U.S. treasury," Vaughn says, "farmers must have the opportunity to vote mandatory acreage allotments and/or marketing quotas on themselves."

To sustain agriculture, the specialist urges three priorities for farm policy:

* Stronger measures to aid family farming, including correction of U.S. tax policies.
* Measures to stabilize farm income.
* A wide range of program options and broad discretionary authority to use them.

Commodity papers available

NEWARK, Del. — Background papers are now available on each of the 14 farm commodities for which federal price and income support programs are in operation. According to University of Delaware extension farm policy specialist Gerald F. Vaughn, farmers on Delmarva should find the papers on corn, soybeans, dairy, wheat, barley and oats of particular interest. Other papers deal with honey, sorghum, peanuts, tobacco, rice, cotton, wool and mohair, and sugar.

Free single copies of these commodity background papers are available from: Gerald F. Vaughn, Cooperative Extension Service, University of Delaware, Newark, DE 19717-1303. When writing please specify the commodity (ies) of interest.

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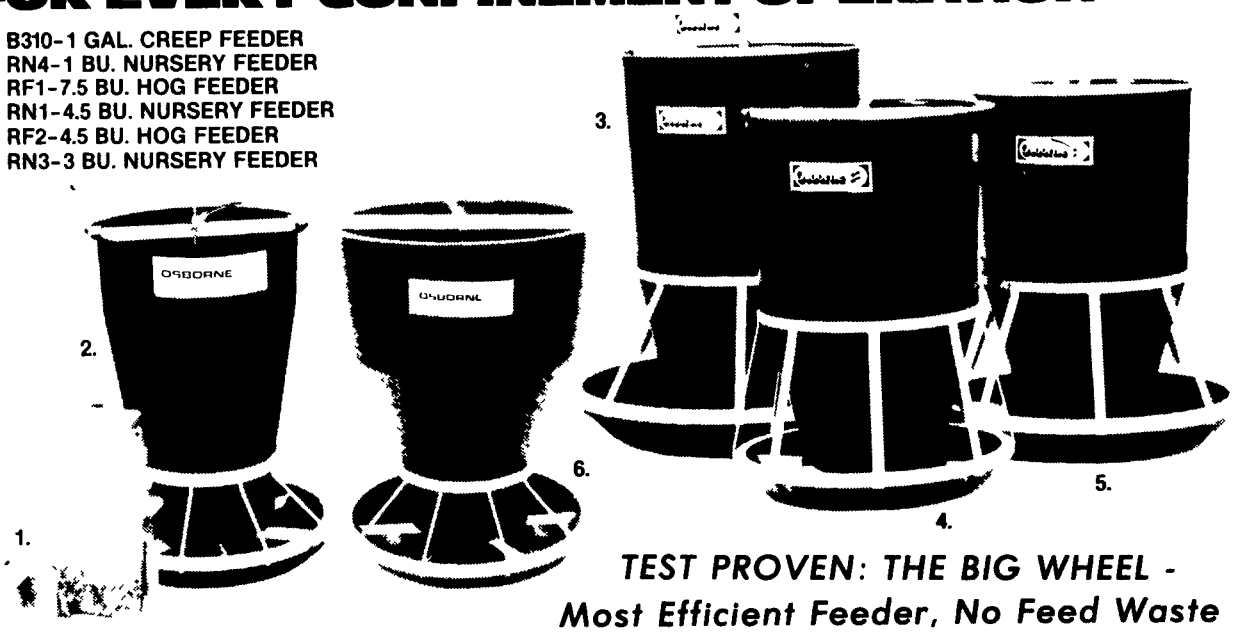

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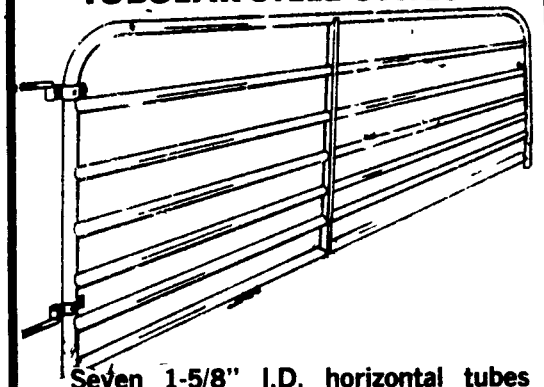

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Luzerne honors top DHIA producers

WILKES-BARRE — The Luzerne County Local of the Pennsylvania Dairy Herd Improvement Association held its 55th annual meeting on Nov. 15. The Local finished the year with 28 herds on test including 20 DHIA herds and 8 Owner-Sampler herds. Special recognition was afforded several county dairymen at the luncheon meeting which was highlighted through a talk on milk marketing by Lackawanna County Agent Thomas Jurchak.

Honors for high herd in butterfat production went to the 55 cow Holstein herd of Robert Hough, R1 Stillwater; with 691 pounds and an average milk production of 18,110 pounds per cow. The Pecora Brotheres Dairy Farm, R1 Drums; had high herd in milk and protein. Their 161 Holsteins produced an average 18,622 pounds of milk, 687 pounds of butterfat, and 612 pounds of protein.

Most improved herd average by milk and protein was awarded Hillside Farm, R7 Shavertown; for increases of 2,053 and 65 pounds respectively, while Pecora Brothers showed improved butterfat of 66 pounds. High cow for milk was 60 pounds from the William Dagostin & Son herd, R1 Berwick; with a 305 day production of 28,128 pounds. Pattie 1 from the Robert Hough herd was top butterfat producer at 1,105 pounds, and #72-1597, a Pecora Brothers Holstein captured top protein honors with 861 pounds.

Directors of the Luzerne County Local DHIA are shown seated, left to right, William Conyngham, R7 Shavertown, Secretary-Treasurer; David Stull, R1 Plymouth, Vice President; Jeanette Yost, R2 Wapwallopen. Standing: James Cook, Lehman; Larry Baron R2 Shickshinny; Carl Troxell, R6 Lehighton; Robert Hough, R1 Stillwater, President; Ralph Sands, R3 Wyoming; and William Baucher, DHIA Supervisor. Absent: Donald Gregory.

Herds finishing the testing year with DHIA averages over 600 pounds of butterfat include:

Owners Name And Address		Breed	Average No. Cows	Lbs. Milk	Lbs Fat	Lbs. Protein
Robert Hough	RD1 Stillwater	RH	54 5	18110	691	587
Pecora Bros	RD2, Drums	R&Gr H	160 6	18622	687	612
Hillside Farms Inc	RD7, Shavertown	RH	90 2	17413	644	557
Wm Dagostin & Son	RD1, Berwick	R&Gr H	108 6	16043	627	541
George R Taylor	RD2, Shickshinny	R&Gr H	26 7	15877	613	530
Rampant Farms	RD6, Lehighton	RH	27 0	15942	612	503
Larry Baron	RD2, Shickshinny	R&Gr H	60 9	15591	606	522
Carl E Troxel	RD6, Lehighton	R/Gr H	68 3	16067	600	616

Dec. 7 is no-till ticket deadline

YORK — Ticket sales will close Dec. 7 for the 11th Mid-Atlantic No-Till Conference to be held Dec. 19 at the York County Fairgrounds. The event attracts farmers from the states of Pennsylvania, Maryland, New Jersey, Delaware, Virginia, and West Virginia.

John Shearer, Franklin County Extension director and conference chairman, pointed out that tickets are available from county Extension Service offices in the six states. Shearer affirmed that "no luncheon tickets will be sold at the door."

A large number of agricultural firms will exhibit no-tillage products at the conference in Memorial Hall at the York Fairgrounds. Memorial Hall will open at 8 a.m. on December 19 so farmers can examine various equipment before the speaking program starts at 9:30 a.m., Shearer indicated.

The chairman added that 10 speakers will present the latest inforamtion on no-till farming during the morning in Old Main at the fairgrounds. Following lunch at 12:15 p.m., a "Quiz the Experts" session will provide an opportunity for farmers to have questions answered by the program participants.

One of the featured topics will describe the problems and possible solutions of soil compaction caused by no-till farming methods. This will be presented by Dr. Donald Griffith, Purdue University agronomist.

Dr. John Ayers, Penn State plant pathologist, and Dr. Erik Stromberg, plant pathologist at Virginia Polytechnic Institute, will discuss potential disease problems in no-till corn and alfalfa. Dr. Morris Decker, University of Maryland agronomist, will present information on cover crops for no-tillage farming.

Dr. Nathan Hartwig, Penn State agronomist, will discuss controlling perennial weeds in no-till corn, and Dr. Douglas Beegle, Penn State Extension agronomist, will present information on starter fertilizers for no-till corn.

Dr. Tony Mazzaccaro, assistant director of the Marine Advisory Program, the University of Maryland, will give a perspective on the Chesapeake Bay cleanup and its relation to farming practices.

Also during the morning program will be a panel discussion on no-till alfalfa systems that work. Participants will be David Brower, a farmer from Marshall, Virginia; Wayne Harpster, a farmer from Spruce Creek, Pennsylvania; and Dr. Lester Vough, agronomist at the University of Maryland.

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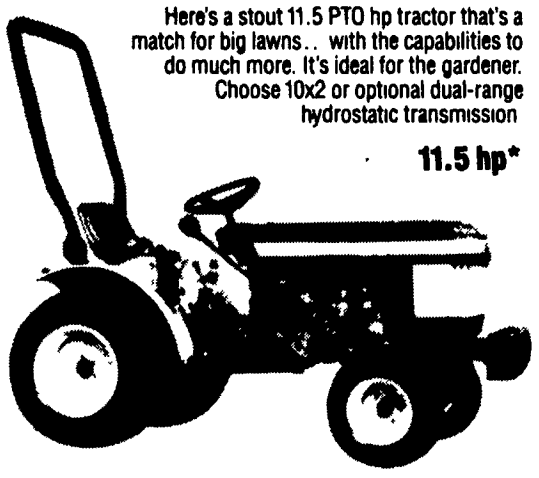
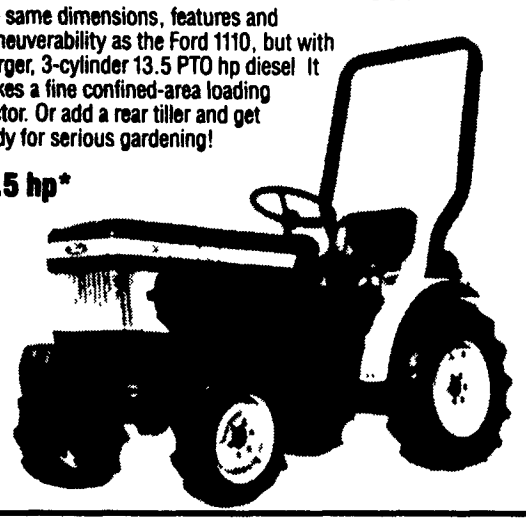


FORD 1210–THE LITTLE POWERHOUSE

The same dimensions, features and maneuverability as the Ford 1110, but with a larger, 3-cylinder 13.5 PTO hp diesel It makes a fine confined-area loading tractor. Or add a rear tiller and get ready for serious gardening!

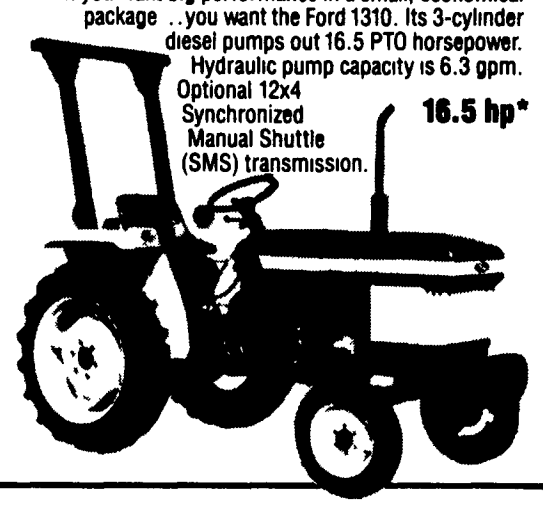
13.5 hp*



FORD 1310–IMPRESSIVE PERFORMANCE

If you want big performance in a small, economical package ..you want the Ford 1310. Its 3-cylinder diesel pumps out 16.5 PTO horsepower. Hydraulic pump capacity is 6.3 gpm. Optional 12x4 Synchronized Manual Shuttle (SMS) transmission.

16.5 hp*



FORD 1510–THE "CAN-DO" TRACTOR

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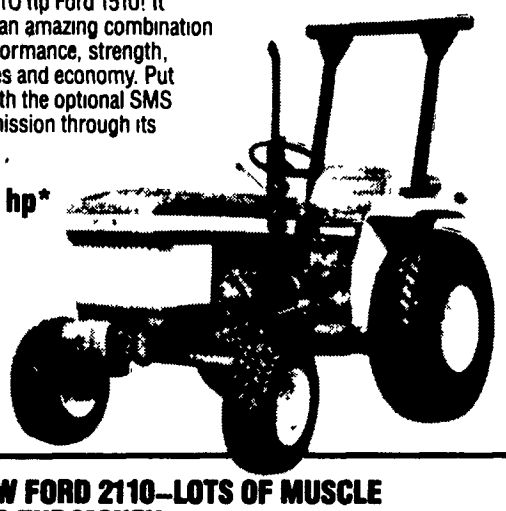
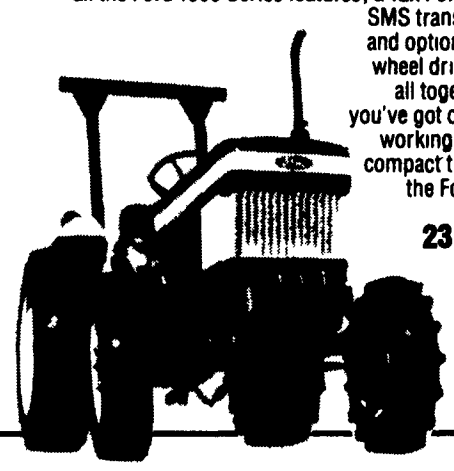
19.5 hp*



FORD 1710–THE VERSATILE COMPACT

23.5 PTO hp can do a whole lot of work. Now add in all the Ford 1000 Series features, a 12x4 or optional SMS transmission and optional front-wheel drive. Put it all together and you've got one hard-working versatile compact tractor .. the Ford 1710!

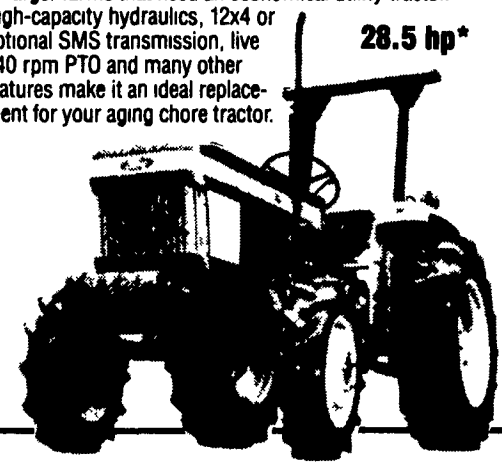
23.5 hp*



1910–28.5 PTO HP COMPACT

The 1910 is ideal for small or specialty farms, businesses, or larger farms that need an economical utility tractor. High-capacity hydraulics, 12x4 or optional SMS transmission, live 540 rpm PTO and many other features make it an ideal replacement for your aging chore tractor.

28.5 hp*



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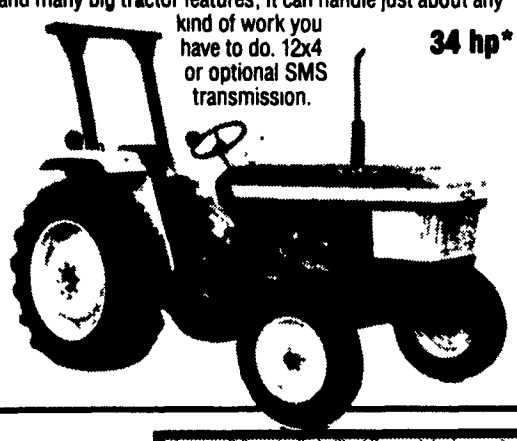
34 hp*



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Flail mowers, 62, 74-in.			X	X	X	X	X
Front loaders	X	X	X	X	X	X	X
Reversible rear scoops	X	X	X	X	X	X	X
Front blades, 54, 66, 72, 84-in.	X	X	X	X	X	X	X
Rear blades, 48 to 84-in.	X	X	X	X	X	X	X
Box scraper, 48-in.	X	X	X	X			
Landscape rakes, 72, 96-in.	X	X	X	X	X	X	X

Equipment	1110	1210	1310	1510	1710	1910	2110
Utility backhoes, 6, 8-ft	X	X	X	X	X	X	X
Plows, 1, 2-bottom	X	X	X	X	X	X	X
Rotary tillers, 42, 48, 54-in.	X	X	X	X	X	X	X
Subsoiler			X	X	X	X	X
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Hicks and Orner dominate Clearfield DHIA

CLEARFIELD — Two herds tied for highest fat production at year end in the Clearfield County DHIA. The herds of Glenn Hicks, DuBois, and A.L. Orner Sons, Rockton, both produced 756 lbs. of butterfat at the conclusion of the testing year Sept. 30.

But in milk production, the Hicks herd of registered and grade Holsteins outproduced all the others with 20,934 lbs. of milk. The herd also produced the most protein in the county with 680 lbs.

The A.L. Orner Sons Holstein herd produced 20,269 lbs. of milk. Other top milk and fat production records were achieved by John Sankey, Clearfield; R. Wriglesworth and Son, Grampian; Duane Peters, Woodland; and Fairman Farms, DuBois.

Glenn Hicks and A.L. Orner Sons also had cows with high individual production records. In the Holstein category, "Shelly," had the high fat record in the county with 963 lbs, and "Faith" had a top record of 25,415 lbs. of milk. Both cows are part of the Hicks herd.

From the Orner Guernsey herd, "Dougo" had the high Guernsey fat record of 921 lbs., while "Buffy" had a record 19,148 pounds of milk for the Guernsey breed.

In lifetime production records, two cows topped 200,000 pounds. "Nancy," part of the Orner Sons herd, produced 222,675 lbs. milk and 8352 lbs. of butterfat in 13 lactations. "Sombe," of Pond Rose Farm, Falls Creek, had 204,116 lbs. of milk in 10 lactations.

Top lifetime butterfat producers were "Jean," of the Orner Sons Holstein herd, with 8379 pounds in 9 lactations, and "Phylis," an Orner Sons Guernsey, with 8216 pounds from 11 lactations.

The Clearfield County DHIA averaged 1,404 cows for the year with an average of 14,493 lbs. of milk and 553 lbs. of butterfat. Thirty-four herds completed the 58th year of DHIA work in the county.

Officers of the Clearfield DHIA are: Frank Orner, president; Dan Gearhart, vice president; Joe Harkleroad, secretary; and Myrtle Way, treasurer.

Annual Bedford DHIA banquet

BEDFORD — The Bedford County DHIA annual banquet was held on Nov. 15 with 130 DHIA members attending. Production award winners were presented plaques sponsored by local agri-businesses.

Byron Over had the highest herd for butterfat and for milk. He received plaques from Curryville Agway for a 783 pound fat average and from J. Lester Snowberger for 20,845 pounds milk.

The cow with the highest butterfat record came from the herd of Clarence and Ken Mowry. Burchfield, Inc. sponsored the plaque for the record 1161 lbs. at 4.1 percent test. The Mowrys also earned a plaque from Hartley Bank for the cow with the highest milk record, 29,621 lbs. from a 5-year, 11-month cow.

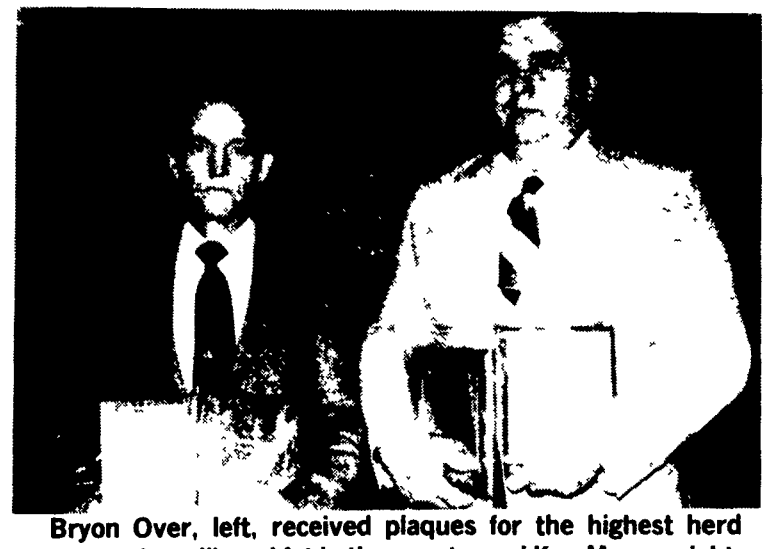
The award for best production progress, sponsored by Forshey's Inc., went to Herbert Ritchey for a 2,494 lb. increase over 1983.

James Eshelman and Denton Clark earned plaques from Paul Ford and Son for the lowest somatic cell counts in the county.

Junior awards were also presented during the evening banquet. The high 3-year-old cow award, sponsored by Harclerodes Dairymen Specialty Company, went to Scott Mohr, whose cow produced 14,217 pounds of milk. Mohr also won the high aged cow award, with 25,158 lbs. of milk, which was presented by Bedford Agway. Mohr's cows were both NBC-FFA projects.

The high 4-year-old cow award, from New Enterprise Bank, went to Eric Corle for his Holstein's 19,568 lbs. of milk and 757 lbs. of fat. Jim Eshelman and John Fair presented the awards.

The DHIA banquet was concluded with a slide presentation about dairy farming in South America by Willis Ritchey from Atlantic Breeders, Lancaster.



Bryon Over, left, received plaques for the highest herd averages for milk and fat in the county, and Ken Mowry, right, earned the awards for the highest individual cows for milk and butterfat at the annual Bedford County DHIA banquet.

Oat status changed

WASHINGTON, D.C. — Producers may no longer repay loans without penalty on farmer-owned reserve oats, according to Everett Rank, administrator of the U.S. Department of Agriculture's Agricultural Stabilization and Conservation Service.

USDA officials made the decision following a review by the Commodity Credit Corporation of its average market prices Nov. 1, as reported by USDA's Agricultural Marketing Service, Rank said. The prices were adjusted to reflect the market price received by farmers, he said.

The national average adjusted price of $1.62 per bushel for oats on Nov. 1 was 3 cents below the reserve release level. Rank said storage payments for reserve oats will resume in all states.

The daily market reviewed by CCC for oats is Minneapolis.

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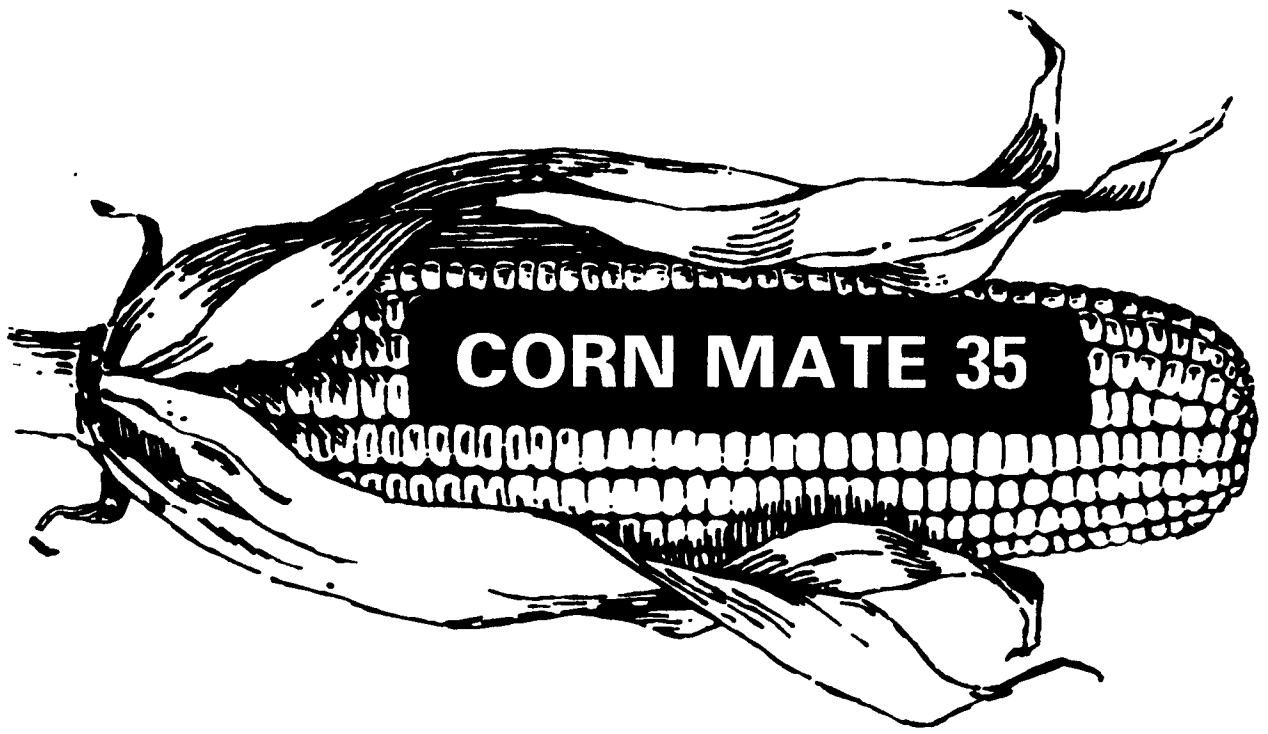

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Wolf family's Gerrilynn Farms top York DHIA

BY JOYCE BUPP
Staff Correspondent

YORK – The Lynn Wolf family's Gerrilynn Farms, Abbottstown, made a clean sweep of all the top places in York County's DHIA for 1983, taking first awards in milk production, butterfat and protein categories.

Wolf's 70 head of registered Holsteins finished the 1984 testing year with a herd production average of 20,392 milk, 778 fat, and 678 pounds protein.

Award presentations for accomplishments by county dairymen on DHIA testing were made during the group's annual banquet, held Tuesday evening at Wisehaven Hall.

High 305-day lactation awards for milk and fat production were split between two of the county's top herds. Smyser's Richlawn Farms, York, earned the high 305-day milk award with a lactation on their Vicki cow of 30,204 milk. High fat producer in 305-days was Flowers, from the Stump Acres herd at York New Salem, with 1,216 pounds.

Lifetime awards went to Wayne Myers of Dover, and Earl Fuhrman of Hanover. Myer's Jenny topped all other county producers in her lifetime record this year with a total of 227,327 of milk, while Fuhrman's Vicki totaled a lifetime butterfat record of 9,142 pounds fat.

The Rodman Thompson family's Coredale farm, East Berlin, earned recognition for achieving the largest herd average increase in the over-550-pound butterfat category. Thompson's 70 cows jumped 90 pounds of butterfat over their 1983 record to finish with 655 pounds butterfat. Awarded the honor of highest increase of butterfat between 400 and 550 pounds was the Elvin Deiter herd, registering an increase of 83 pounds.

Eight farms scored increases of over 50 pounds butterfat production in the over 550-pound butterfat category. They are: Rodman Thompson, 90 pounds; McRal Dairy, 66 pounds; Mervin Hertzler, 59 pounds; Sinking Springs, 57 pounds; Phil Laughman, 55 pounds; Thomas Boyer, 54 pounds; Daryl Bair, 54 pounds; and Double D Farm, 51 pounds.

In the 400-550 butterfat category, seven additional herds upped their butterfat average more than 50 pounds in 1984. They are: Elvin Deiter, 83 pounds; Walter Amstutz, 77 pounds; Leroy Hertzler, 68 pounds; Robert Reheard, 65 pounds; Charles Hess, 59 pounds; Albert Dehoff, 54 pounds; and R & M Farms, 50 pounds.

A total of nine county herds earned recognition for butterfat production over the 700-pound mark. Finishing above the 700-fat level are: Lynn Wolf, 778 pounds; H.S. & R.E. Fetrow, 763 pounds; Stump Acres; 759 pounds; Thomas Boyer, 745 pounds; Smysers' Richlawn Farms, 743 pounds; McRal Dairy, 734 pounds; Sinking Springs, 725 pounds; Leonard Creek, 706 pounds; and Beshore Farms, 704 pounds.

Eleven county herds completed high protein herd averages, with protein production over 678. Those high-protein herds are: Lynn Wolf, 678 pounds; Stump Acres, 650 pounds; Thomas Boyer, 650 pounds; Smyser Richlawn Farms,

(Turn to Page A31)

After dairying for just a dozen years on their Abbottstown farm, the Lynn Wolf family has taken top awards in milk production, butterfat and protein for York County's DHIA testing. Family members include Gerri, Debbie, Lynn and Christine.

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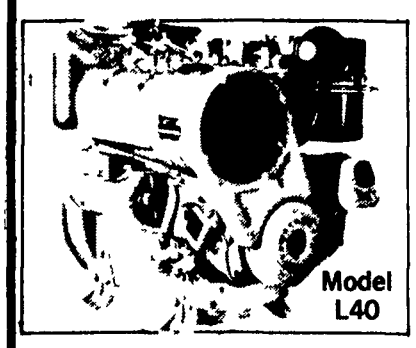

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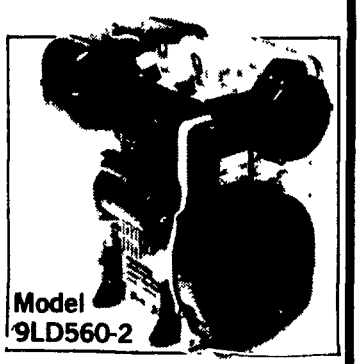

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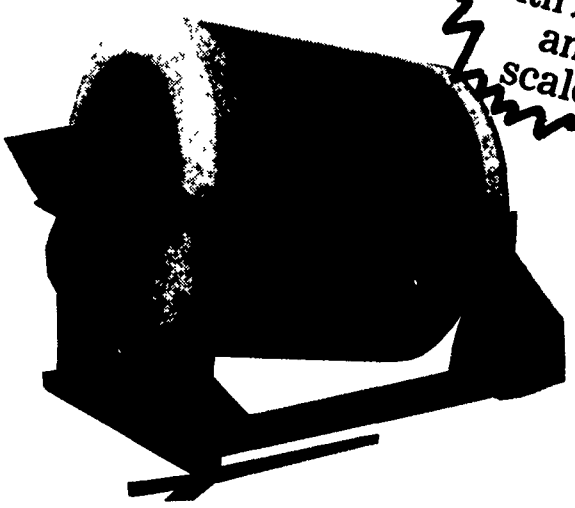

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York DHIA

(Continued from Page A30)

641 pounds; H.S. & R.E. Fetrow, 639 pounds; Sinking Springs Farm, 637 pounds; Beshore Farms, 631 pounds; Leonard Creek, 627 pounds; R.R. and M.R. Stewart, 617 pounds; David Stewart, 609 pounds and McRal Dairy, 604 pounds.

Included on the program was the county's dairy princess, Judy Perry, who related the activities in which she's been promoting milk, and encouraging dairy farmers to both use dairy products and give them as gifts for the holiday season.

Three new directors were elected for three-year terms on the county's DHIA board. Filling those positions are George Shue, Brodbecks, Martin Grey, York and Tom Stein, York. York County's staff of DHIA testers includes Marianne Walter, David Miller, Richard Detter, Vere Balmer, Abbe Schott and Edwina Johnson.

Several area agri-businesses sponsored the awards and ribbons for DHIA accomplishments. Among them were Spangler and Sprenkle, Beacon Milling Co., Agway, Pennfield Corporation, Farm Credit, W.L. Mummert Co., Service Feed and Supply, D.E. Horn, Animal Medic and the Pennsylvania DHIA. Rutter's Dairy donated milk for the banquet and cheese was provided courtesy of the Phillips Cheese Company.

Among the dairymen receiving awards for York County DHIA accomplishments are, from the left, Roy Thompson, for the Rodman Thompson family; Joe Stump, for Stump Acres; Dale Fuhrman, for the Earl Fuhrman family farm; and Bob Smyser's Richlawn Farm.

Wayne County annual DHIA report

HONESDALE – The Wayne County Dairy Herd Improvement Association completed 58 years of service to the Wayne County dairy industry with the conclusion of the most recent testing year on October 1. The Association finished the year with an annual production of 15,013 pounds of milk and 553 pounds of butterfat per cow–an all-time high.

There were an average of 5257 cows on test for the full year, which was highest number on test in the history of Wayne County D.H.I.A.

Kevin Burleigh, Pleasant Mount, had the highest DHIA production with 20,960 pounds of milk and 773 pounds of butterfat per cow. Other herds exceeding the 700 pound fat level were: James Slocum, Susquehanna; Kinghill Farm (David Soden), Starrucca; Robert Fries, Aldenville; Paul Kennedy, Honesdale; Glover Brothers, Starruca; and Rowe Brothers, Honesdale.

The highest butterfat lactation record completed during the year was accomplished by "Liza", a cow owned by James Woodmansee, Lake Como. Her complete record in 295 days was 20,121 pounds of milk and 1027 pounds of butterfat.

The top milk production record was achieved by "Bess" owned by James Slocum, Susquehanna, who in 305 days produced 31,111 pounds of milk and 948 pounds of butterfat.

The high lifetime production record was earned by "Sophie" owned by Rowe Brothers, Honesdale. Thus far she has produced 238,659 pounds of milk and 8934 of butterfat.

The Association will grant the annual high quality milk award to Michael Nebzydoski, Pleasant Mount. The award is based on the lowest average somatic cell count for the year.

D.H.I.A. supervisors employed by the Association are: Steve Kammer, Honesdale; Linda Wagner, Hollisterville; Joseph Schriefer, Pleasant Mount; and A. Linford Sampson, Equinunk.

Dairymen who serve as directors of the organization are: Llewellyn Courtright, Lake Ariel; Charles Dennis, Honesdale; Ellis Dix, Pleasant Mount; Paul Kennedy, Honesdale; Theodore Kostige, Lakeville; Frank Marks, Damascus; Gary Rickard, Honesdale; Marlyn Shaffer, Lake Ariel; James Slocum, Susquehanna; David Soden, Starrucca; and Grant Teeple, Equinunk.

Information about the Wayne County DHIA can be secured by contacting the Wayne County Agricultural Extension Service, Courthouse, Honesdale, Pa. 18431.

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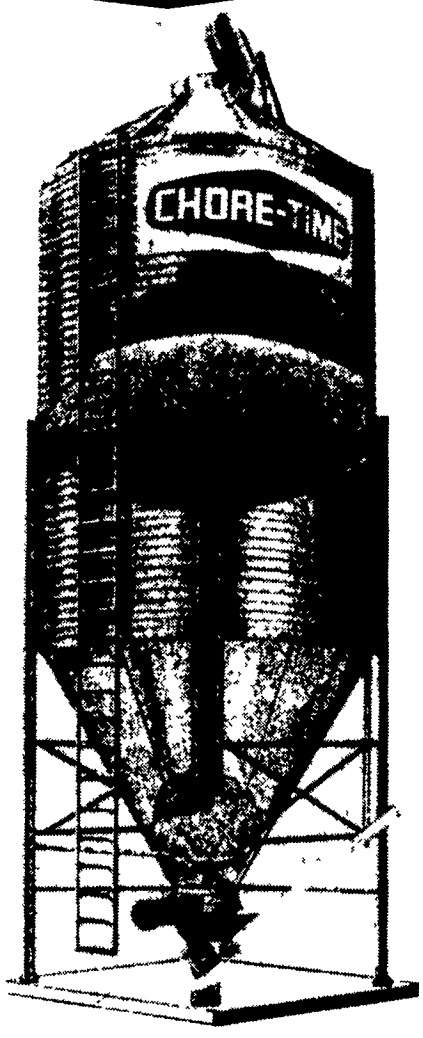

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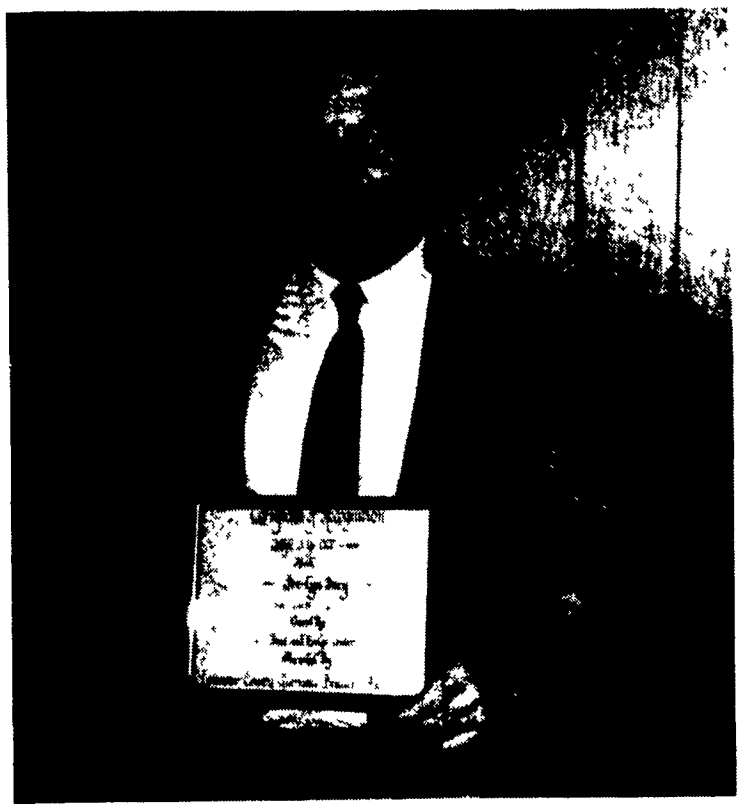
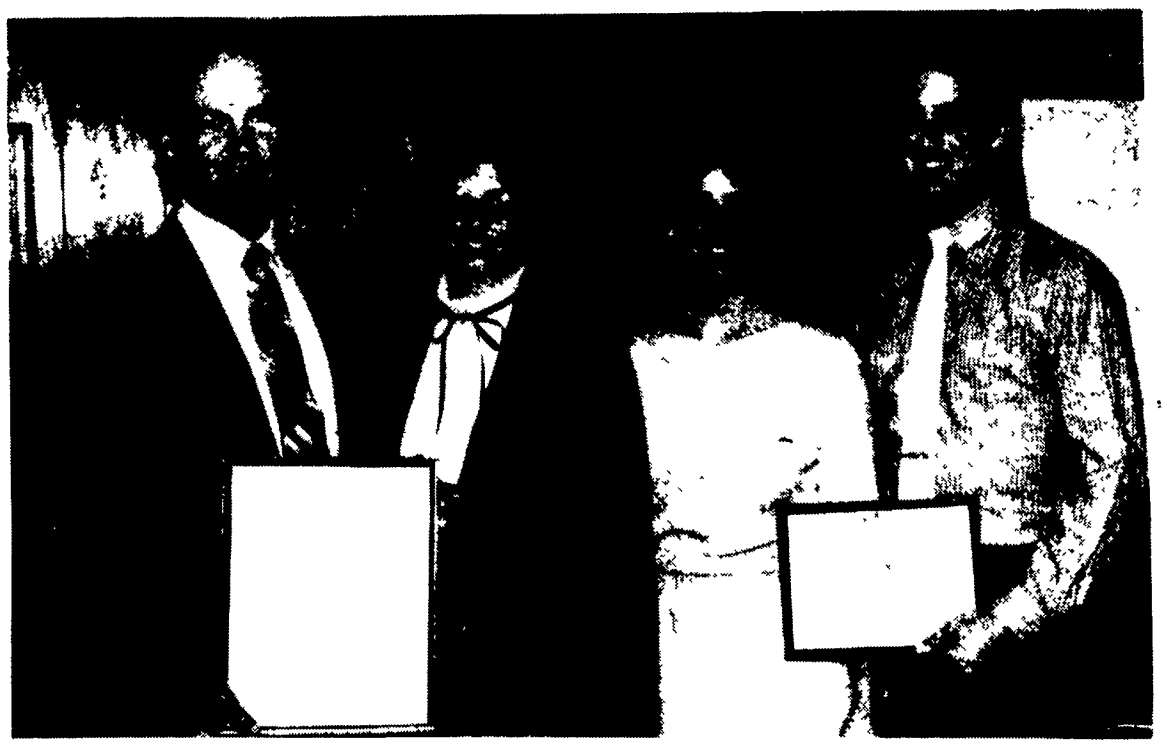
Lancaster Guernsey production recognized



Fred Crider took home the award for the 3-year-old with the highest milk record on Thursday evening at the annual Guernsey banquet.



The Garber family captured numerous production awards on Thursday evening at the Lancaster County Guernsey breeders annual banquet. They had the highest herd average, cow with highest lifetime production, and several high individual cow records. From left are Ken, Thelma, Janice, and Gerald Garber.

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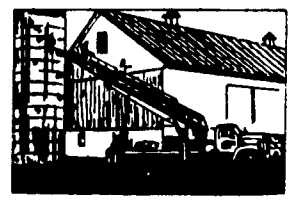

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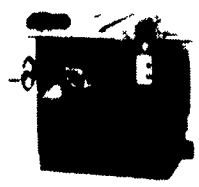

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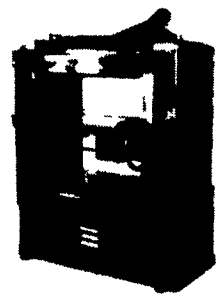

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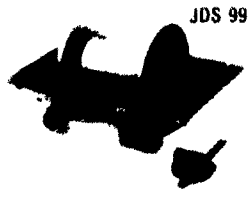

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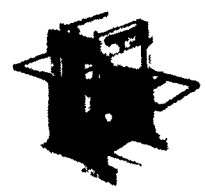

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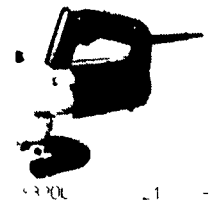

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Tenneco buys IH for $430 million

HOUSTON, Tex. – An agreement for the purchase of selected assets of International Harvester's North American and European agricultural equipment operations by Tenneco Inc. was announced this week by James L. Ketelsen, Tenneco Chairman and Chief Executive Officer.

Under the terms of the agreement, Tenneco will pay $260 million in cash and $170 million in preference stock. The transaction is expected to be completed early next year, following necessary government reviews.

International Harvester's farm equipment operations will join with Tenneco's J.I. Case Co. affiliate, headquartered in Racine, WI. International Harvester will continue as the leading independent manufacturer of medium and heavy duty trucks.

Included in the transaction are the following International Harvester facilities:

- Combine plant in East Moline, IL.
- Implement facility in Hamilton, Ontario.
- Engineering operation in Hinsdale, IL.
- Machine tools from International Harvester plants in Rock Island, IL. and Memphis, TN.
- North American dealership and related field support organization.
- International Harvester's subsidiary in the U.K., which includes its tractor production facility in Doncaster, England.

Tenneco also has entered into agreements to acquire other International Harvester agricultural operations in Germany, France and Denmark subject to the completion of certain studies and the conclusion of satisfactory arrangements with private lenders and government authorities.

"We are enthusiastic about our future with the strong team we've put together," Ketelsen said. "The combination of tractors, combines and implements and the dealer networks create a healthy, nationwide sales, parts and service organization that builds our competitive stature and allows us to be profitable, even in today's markets. In addition, Case/Harvester will be poised to take maximum advantage of eventual improvement in business conditions."

"We are reducing unit costs by consolidating capacity. The quality of our product will reflect the technological expertise of both organizations," Ketelsen said.

"Our action removes a cloud of uncertainty that has been hanging over these two companies. Tenneco's financial strength enables us to affirm our commitment to the future of the business and to the owners of both Harvester and Case equipment," he said.

"Our commitment will give new meaning to the word 'competition'. We will be a competitive force to be dealth with," Ketelsen added.

"For International Harvester," explained IH's Chairman and Chief Executive Officer Donald D. Lennox, "the sale will allow us to concentrate our energy on our profitable medium and heavy trucks and mid-range diesel engine businesses where we already are the industry leader."

"It was a very difficult decision to make, but it was the only decision possible if International Harvester was to continue its recovery," Lennox said. "With no prospect for an immediate upturn in the farm equipment business, International Harvester had to move decisively to protect the interests of its various constituencies.

"Although the sale of our agricultural equipment business will result in a substantial one-time expense, we will be able to utilize the proceeds to reduce our debt, and it is expected to permit our continuing operations to immediately return to profitability," Lennox added

Jerome K. Green, President and Chief Executive Officer of Case, will head the new company, Ketelsen said.

Case and IH agricultural operations will continue at planned levels during the government review period, expected to be at least 60 days.

Keystone Cornucopia planned

HERSHEY – The Pennsylvania State Council of Farm Organizations will hold its fourth annual Keystone Cornucopia on Monday evening, Jan. 28, 1985, at the Hershey Convention Center.

The event, which features an elaborate banquet consisting entirely of Pennsylvania-produced foods and beverages, is an effort to show our guests, the elected officials of Pennsylvania, the diversity and wholesomeness of our products, said John Hoffman, Council President. "By doing this, we hope to make our elected officials more sensitive to the needs of agriculture. It has a great effect, especially on those from urban areas who are not as familiar with agriculture as rural legislators are," adds Hoffman.

Of course, farmers and those who are employed in agriculture related fields are invited to attend also. "These are the people who need to talk directly with legislators," says Hoffman. "Many times, their voices carry more weight than a lobbyist's because they are the ones who put the officials into office."

The featured speaker for the event is Laura Heuser, Vice President, Public Relations, Hilltop Orchards and Nurseries, Inc., Hartford, Michigan. Laura is one of the most outstanding speakers on agriculture in the country. She has received numerous awards, both for her public speaking and for her service to the horticulture industry.

Tickets for this event are available from the Pennsylvania State Grange. To order, call (717) 234-5001.

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TILLAGE:

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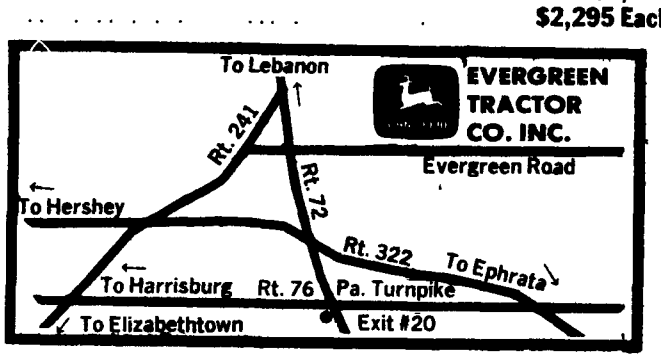
(2) JD 415 Rotary Hoe, Cash Price	$2,295 Each

Coming in . . .
IH 826 Tractor Brady 30 Field Cultivator



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Faith and farming

(Continued from Page A1)

Canada attended the Faith and Farming Conference Monday through Wednesday at the Laurelville Mennonite Conference Center at Mt. Pleasant in Western Pennsylvania.

Core of the conference was a mutual discussion of how Mennonites, traditional stewards of the soil, can remain a viable part of the agricultural community and how this continued role interacts with being people of the Christian faith.

Among problems discussed at the conference were the economic plight of farmers, which was concentrated among Midwestern representatives.

Another topic included government programs and how they affect Mennonite farmers. It is not expected that 1985 Farm Bill recommendations will come forth as Mennonite suggestions, but individual farmers were encouraged to make their feelings known through other ag organizations to which they belong or through Inter-Faith, an interdenominational group in Washington, D.C.

Other topics of discussion – all centered on the inter-relationship of farming with their faith – included conservation (with the Chesapeake Bay specifically discussed by some), high energy use on farms and "bigness."

Mennonites at the conference favor a return to the old Jeffersonian agrarian principles of essentially making as much land as possible available to as many farmers as possible.

Among the featured participants in the conference was Roy Kauffman, pastor from Iowa, who served as devotional leader.

Another topic extensively discussed was the problems being encountered in the passing of farms from generation to generation. Older farmers discussed their problems of handing the farm down and younger farmers who presently may rent from the older generation told of the difficulties they are encountering.

It is expected that regional sessions or conferences may evolve in coming months to continue the Faith and Farming dialogue initiated at the Mt. Pleasant meeting.

Such regional sessions will then culminate in the regular Biannual Meeting of the Mennonite Church of North America in Ames, Iowa next year. One day at this meeting will be devoted entirely to agriculture.

CORRECTION

The article printed on Page D6, Saturday, November 24 on Master Mix ProTek Feed according to Gordon S. Bierman, sales manager, should have read as follows:

A typical customer using Master Mix ProTek Feed can cut protein requirements up to 3 percentage points and save up to 7/10 lb. of protein per head per day.

We apologize for any inconvience this may have caused.

Farm Show numbers are open

HARRISBURG – "How can we be sure to see what we want at Farm Show? We can only take off one day to attend," "What events are held in the evenings during Farm Show?," and "When are the big draft horses judged?" are just a few of the thousands of questions asked each year of Farm Show and state Agriculture Department staff as the annual event draws near.

With the 69th annual Farm Show set for Jan. 13-18, 1985, the State Farm Show Commission is using several special telephone lines to provide answers to these and other questions about the event, according to state Agricultural Secretary Penrose Hallowell.

"With dozens of special events, hundreds of commercial exhibitors and thousands of prize livestock, poultry and farm product entries, it's easy to see that visitors to the 14-acre complex for the Farm Show can be overwhelmed," Hallowell said. He said requests for information should be made through several phone numbers depending on the type of information needed.

* General information on the Farm Show and Farm Show Week events is available by dialing (717) 787-5373 or (717) 787-5085.

* Information concerning LIVESTOCK EVENTS at Farm Show is available by dialing (717) 787-2902 or 787-2903.

* A schedule of upcoming events at the Farm Show Complex through early 1985 can be obtained by dialing a 24-hour information line at (717) 783-3071.

* Exhibitors wishing to secure space at upcoming shows or to schedule events at the Complex should call the Farm Show's main office at (717) 787-5373.

Hallowell also noted that a calendar of events to be held at the Farm Show Complex can be obtained by contacting the Farm Show Commission Office between 8 a.m. and 4 p.m. Monday through Friday.

Alfalfa Growers

(Continued from Page A1)

Berks County, had 7.9 tons hay equivalent, 3,324 lbs. crude protein, and 8,451 lbs. TDN. Blair County dairyman England had a yield of 7.7 tons, 3424 lbs. protein and 8440 TDN.

The contest placings were based on 40 percent for total yield, 30 percent for protein yield, and 30 percent for TDN.

With the sixth place yield of 8.0 tons, 3,258 protein, and 8314 TDN, was Freys Farm Dairy, Franklin County. Leonard Stoltzfus, of Berks County, placed seventh with 7.2 tons hay equivalent, 3,469 crude protein, and 8,440 TDN.

Weng'Lea Farms, also of Franklin County, took eighth place with 7.8 tons, 3122 protein, and 8449 TDN. Nelson Wenger, Lancaster, placed ninth with 7.9, 3040, and 8075, while Kenneth Schoenberg, Franklin, placed tenth with 7.5, 3200 and 8223.

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40 BOARS-HAMPS & YORKS
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* 1 Load Purebred and Grade Canadian Cows, fresh and springer, consigned by Roy Johncox.
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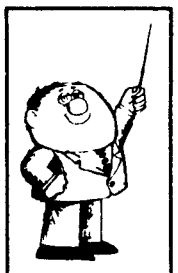
* 1 Load fresh and springer cows consigned by Norman and David Kolb.
* 1 Load fresh and springer cows consigned by Marvin Eshleman.
* 1 Load fresh cows consigned by Alfred Albright.
* 1 Load fresh and springer cows consigned by Merle Breneman.
* 1 Load fresh and springer cows consigned by H.D. Matz.
* 1 Load fresh and springer cows consigned by Raymond Smucker.



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SPECIAL HOLSTEIN DAIRY SALE
FRIDAY, DECEMBER 14, 1984
(Saturday Incorrect as stated on Page D34)
7 30 P.M. E.S.T.

To be held at Smoketown Quality Dairy Sales Co., Rte. 340, 5 miles East of Lancaster, 5 miles West of Intercourse, Smoketown, Pa.

1 LOAD CATTLE, DAIRY COWS, HEIFERS AND REGISTERED BULL OUT OF NEW ENGLAND STATES

A Few Examples:

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International Harvester
TRUCK TRACTORS & TRAILERS
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(35 Mi North of Harrisburg)
Truck Tractors Incl I H COF4070A & B s Twin Scres (7) I H 200D Single Axles (19) I H Vans 12 16 Ft (7) I H Feed Trucks (2) I H Dump Trucks Welder Trucks Tanker Wrecker Hi Lifts Air Comp Trucks & Others 1968-78 (Total 51 Units)
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Pa Lic #2124 L

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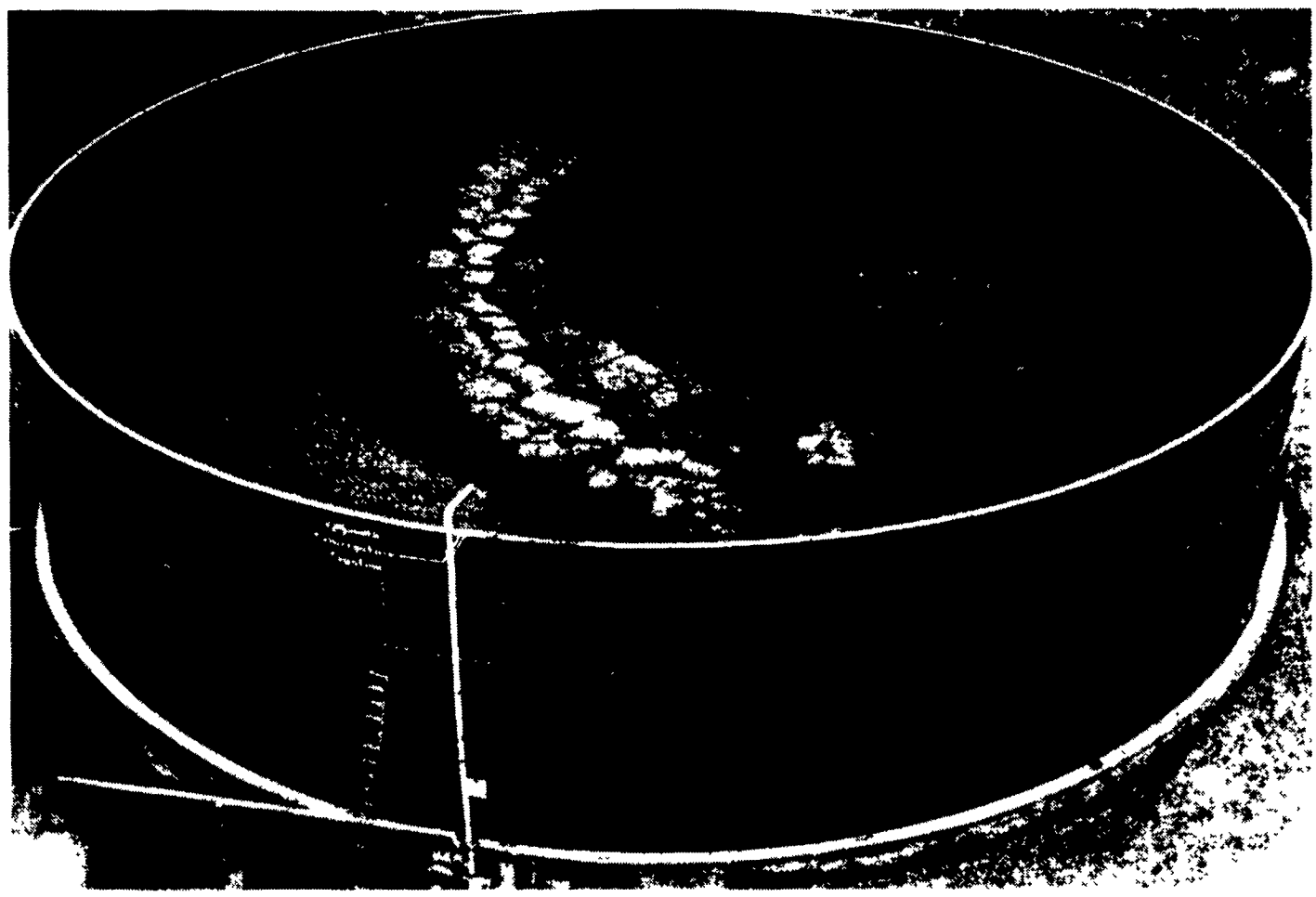
WEDNESDAY, DECEMBER 5, 1984

MEETING PLACE: SCHAEFFERSTOWN, PA, Intersection of Routes 501 And 897
BIG JAKE'S RESTAURANT
10:00 A.M. - 2:00 P.M.
LUNCH PROVIDED



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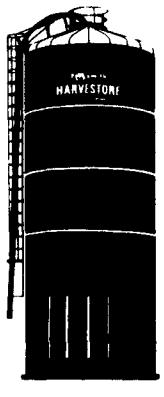

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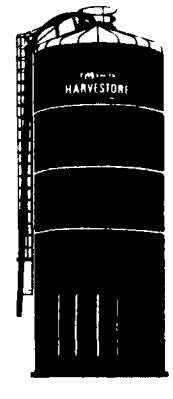

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Quan.		(Please Mark Size) BU MF	BU MR	Plate less
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___ M C H401	95 to 100 days	50 00	48 00	47 00
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___ M-C H270	88 to 93 days			
___ M-C H207–	85 to 90 days			
___ M C H208E	85 to 90 days			
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PRICES PER POUND	POUND	10 lb OR MORE
Muncy Chief Xtra Sweet 82 (72 days)	5 50	5 25
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MUNCY, PENNSYLVANIA

Food executive shows how to present attractive holiday foods

BY JOYCE BUPP
Staff Correspondent

HERSHEY — There are few times throughout the year when food takes on more prominent place in seasonal entertainment than during the Christmas holidays.

But, do you "serve" food to your holiday guests? Or do you "present" it?

Bill Trautman is a professional who practices creative art of foods presentation. Assistant general manager of food and beverages at the Hershey Convention Center, Trautman oversees all meal service responsibilities for convention events well as the Center's restaurants and lounges.

There are only 35 certified food and beverage executives in the country, and Trautman was one of the first to complete the year-long study course, which finishes with a four-hour proctored test.

Food has always been a vital part of Bill Trautman's life. Raised in Lebanon County, he became acquainted early with his grandfather's country butchering business.

"I grew up with country-butcher foods, and learned a love of that type food as a boy; plus, my grandmother was a wonderful cook," says the food executive.

His mother was employed in the food industry all her life, working with the Verls Salads firm of Fredericksburg. It was there, at age 14, that Trautman landed his food-service job in the kitchens of this country salad and catering establishment.

Jobs at other food service businesses followed. Having started as a dishwasher, then progressing to grill work, and on up the ladder of food-service jobs, Trautman has truly learned his profession from the ground up. Prior to joing the Hershey Convention Center's staff 14 years ago, he was on the staff of the Hershey Country Club.

Trautman's philosophy has always been to focus food service specialities on locally available fresh items, and to be creative with it. An eight-week course of study, about a year ago at the Culinary Institute of America further reinforced his emphasis on local foods.

Considered by many experts as the top food school in the world, the Hyde Park, New York, Culinary Institute is actively promoting "American regional cookery," highlighting the meats, poultry, fish and fresh vegetables and fruits popular to the various geographical areas of the country.

To Trautman's surprise, the first recipe he was given to work with at the Institute was a Pennsylvania Dutch regional favorite—chicken corn soup.

But presentation, or the decorating of foods to please the eye as well as the palate, is a special love of Trautman's. With just a simple apple, orange, pineapple or pear, his professional creativity turns out a picture-perfect presentation worthy of cookbook-cover status.

Take plain canned pears, for instance. Many farm women have several quarts of these sitting on a basement shelf.

Don't just plop those pale pear halves in an everyday plastic dessert dish or saucer. Instead, add a bit of creme de menthe flavoring, available in the supermarket gourmet section, to the syrup that flavors the pear slices. If mint flavoring doesn't appeal to your tastes, green food coloring can lend the same effect.

Then, place the pear halves in stemmed glassware dessert dishes, dribble over a few spoonfuls of the pretty green syrup, and garnish with a stemmed maraschino cherry. You can't get much more holiday-looking - or simpler - than that.

Fresh pears are plentiful, too, and whole, poached ones also make a Trautman favorite. Peel around the sides, but leave a small "cap" of peel at the top around the stem. Core from the bottom, so that when the preparation is finished, the pear from the outside still appears whole, peeled, but stem attached.

Poach is a light syrup. For an attractive red coloring, add cinnamon candy hearts to dissolve in the syrup as it simmers with the pears, or a dash of amaretto flavoring, also found in market gourmet sections. Serve the pear, set upright, in a stemmed glass dessert dish, accented with the ruby-colored syrup.

Pineapples have traditionally been symbols of hospitality and remain popular around the holiday season. For party nibblers, a pineapple can become part of the serving equipment, as well as an interesting buffet focal point.

Trautman selects an attractively-shaped, fresh, ripe pineapple, than studs it at intervals all around with sturdy, round toothpicks. Onto each toothpick goes a fresh, uncapped strawberry, which can then be removed for eating as a finger food, perhaps with a favorite dip. Other fruit, such as pineapple chunks, may be used as well.

Pineapple chunks also work well for party nibbling when served threaded on a toothpick, along with a chunk of boned, cooked ham. For an entree item, larger skewers allow for alternating several chunks of ham and pineapple.

Apples remain one of the most popular and readily available local fruits, and their cheerful colors are pleasing additions to holiday menues.

Trautman has devised a number of interesting and creative ways to incorporate apples into his presentations, including using the fruit as a condiment serving container.

He simply cuts off the top of an apple, then hollows out the center of the bottom part, saving the usable pulp for other recipes. The remaining cavity can be filled with a condiment such as mustard, or a dip for other foods, with the apple top serving as the cover until needed. A green pepper, or even a cucumber, can be used in the same manner, and add eye-appealing color contrast.

Even a simple baked apple can become guest fare. Trautman likes to core and completely peel a whole apple for each serving, then put a blend of cinnamon, sugar, nutmeg and bit of butter in the apple. Apples are set in a baking pan, with a little water in the bottom, along with a bit of brandy

(Turn to Page B4)

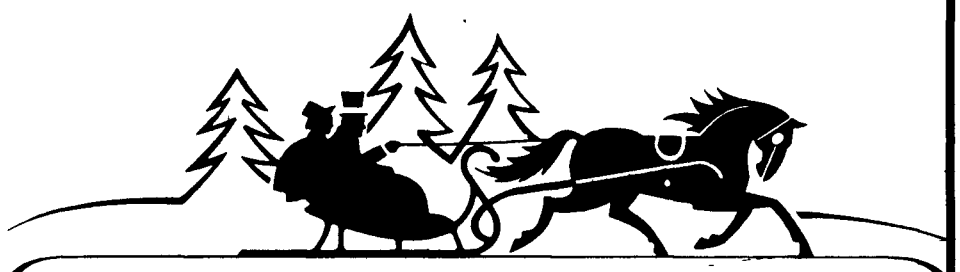
Hershey's food executive Bill Trautman skewers fresh, uncapped strawberries onto a pineapple for a finger-food buffet focal point.

The "Bird of Paradise" apple is created by making a series of V-shaped cuts into the top and sides of the fruit. Cut edges are dipped in lemon juice to keep from browning, then replaced at staggered intervals, sweeping backward, to form the look of wings and a tail. A head and neck piece is carved from a section of apple removed from the bottom to allow the bird to stand on a flat surface. Cloves stud the head for eyes.

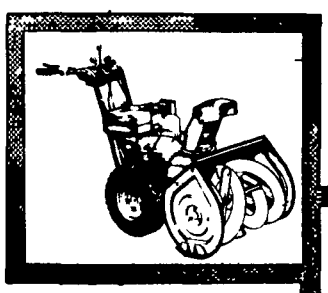
Simple foods take on a festive look with just a few creative touches: clockwise from lower left, canned pears in minty-green syrup; fresh strawberries skewered on pineapple; "Bird of Paradise" apple; a fresh, poached pear becomes party fare. Holly sprigs - or pyracantha with its bright berries - lend the perfect seasonal touch of greenery to foods and party tables.

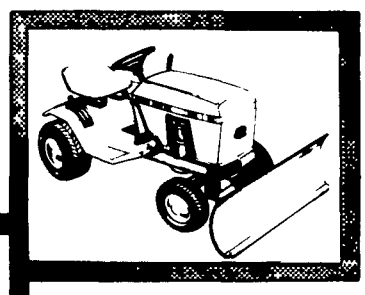
Over lunch in one of the Convention Center's antique-decorated restaurants, Trautman confers with Hershey's food and beverage director James Schall.

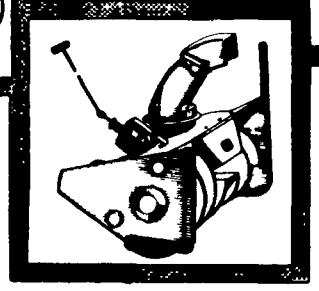
Homestead Notes



This Christmas put a smile on his face







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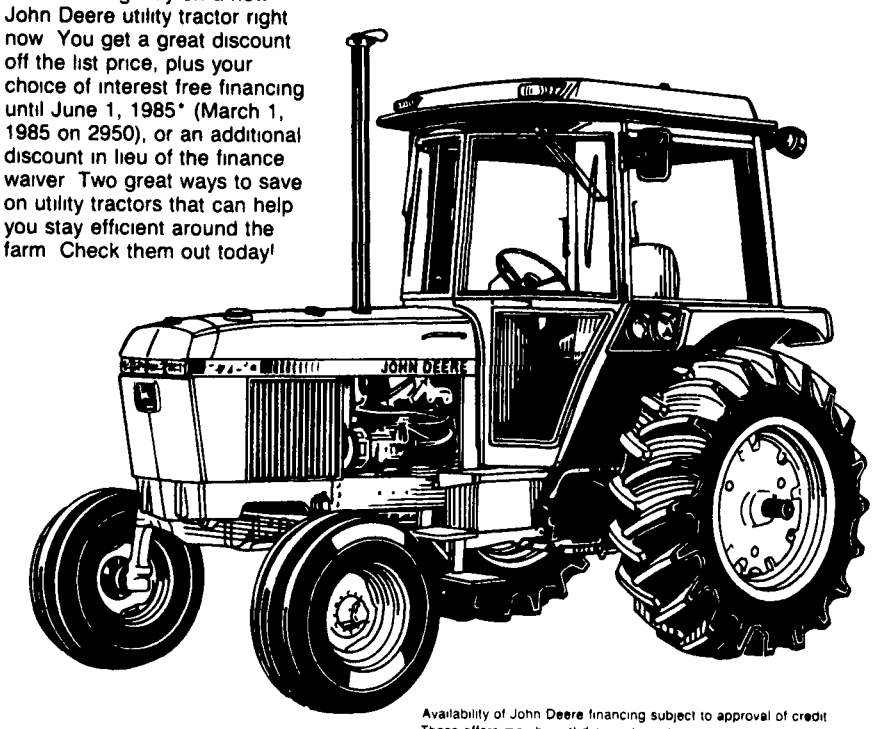

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60-hp 1650	475	375
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55-hp 2350	475	375
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Food executive

(Continued from Page B2)

if desired. The heat evaporates the alcohol content and leaves only the flavor.

When baked, each apple goes in an attractive dessert serving dish, and then a small scoop of vanilla ice cream added on top melts with the dessert's warmth and forms a tasty sauce.

Apple slices, deep fried, and kept warm on a serving dish, with confectioners sugar dusted over the top, make a lovely accompaniment to an entree, says Trautman. Apples are cored and sliced crosswise, dipped in pancake batter and deep fried. And, round apple slices, sauteed in butter, make an excellent side dish to pork.

Oranges are popular and generally plentiful at the holidays. Orange shells become interesting dessert cups, created by cutting the fruits in half crosswise and carefully scooping out the pulp for use otherwise. The shell should be cleaned out well, then stored, upside down, in the refrigerator until needed.

When ready to use, Trautman likes to sit the chilled shell cups in attractive dessert dishes, then spoon in sherbet, or even a selection of contrasting colors of sherbets. He recommends serving a small petit-four type cake cube as an accompaniment, or passing a plate of small cake cubes from which guests can help themselves.

Locally grown winter vegetables are usually available and fairly inexpensive through the holiday season, and can add attractive color and textures to food presentations.

Cabbage, red or white, lends itself to a role as another type of serving container. Slice the head of cabbage in half, then remove part of the inner portion of one of the halves for use in other recipes. Into the empty center of the cabbage half, insert a small dish or bowl, and fill with condiments or dips. Radishes, hand-turned into rose or similar flower shapes, and skewered on sturdy toothpicks, can be stuck into the cabbage "wreath" to add a touch of color to the green background.

Some gardeners are able to store tomatoes until Christmas, and these fresh favorites can be used as a colorful vegetable addition to a plate presentation. Split and covered with parmesan cheese, the tomato halves are baked in the oven, until cooked and the cheese bubbly.

Cherry tomatoes add color to finger-food trays, and Trautman likes to scoop out the top of these miniatures, then stuff with a favorite cheese. These can be prepared ahead and held for several hours in the refrigerator.

Pennsylvania is known for its mushrooms, and Trautman often incorporates them in his planning. A favorite is fresh mushrooms, stems removed, with the remining cavity stuffed with a meat or sausage combination, or perhaps crab meat, and then baked until tender.

Even that Pennsylvania Dutch classic, the pickled egg, gets a new look with Trautman creativity. Rather than serving them with just the usual yoke centers, he stuffs the halves with ham, chicken or tuna salad.

Several days before entertaining, get out some favorite "nice things," suggests the food specialist, perhaps family treasures not used for everyday serving. Sit them out where they can be studied, and think about how they might be used in interesting ways to serve and highlight foods.

Finger foods are handy for informal parties, and Trautman leans heavily toward them in his family's own personal entertaining.

"Convenience foods make entertaining so easy," he believes. "And many people overlook what's available in our modern markets, especially the fresh produce sections."

Again and again, Trautman stresses the importance of "presentation," that eye appeal that makes food look elegantly special.

Garnishes often make the difference in that final appearance, and he suggests "cleaning out" the refrigerator to find garnish material, using up the few remaining odds and ends of pickles, or olives, to shape into decorative touches.

Cheery red crabapples, nestled in a bit of curly, green endive, are a favorite plate garnish, or slices of red spiced apples. A red crab apple also makes a nice finishing touch, he says, to a fruit cup, with droplets of the red juice accenting the fruit mixture.

One food ornament that Trautman often designs for large food trays is a work of art, an apple shaped into a "Bird of Paradise."

Using a red or yellow delcious apple, he slices from one side a section about a half-inch thick at the center, which gives the apple a stablized side on which to sit.

With the apple on its side, he begins at the top, cutting out a tiny "V" shape, just barely slicing through the skin, then dips it in lemon juice, and carefully lays it aside. About five or six additional "V" cuts are made into the apple, each cutting deeper, but just a fraction of an inch think, with a sliver of colored peel along the outside. Each "V" is dipped in lemon juice and carefully laid aside. This procedure is repeated on each side of the apple, beginning about halfway down each side.

When all three sides are cut, with deep cuts in the side and top, Trautman begins replacing the "V" shapes, starting with the largest but staggering each back about a quarter inch. When all have been replaced, they sweep back and protrude from the back of the apple, forming a sort of feathered red wing and tail effect.

Then, from the section originally first cut from one side, he carves a slightly curved neck with head at the top, fastens it to the front of the top cut, and adds a whole clove on each side for eyes.

If all exposed cut edges of the apple have been dipped in lemon juice, the edges will not brown and the "bird" can be kept refrigerated for several hours. At the center of an attractively arranged grouping of cold cuts, sandwiches, cookies or other finger foods, the "bird of paradise" will convince your guests that you, like Bill Trautman, are a food artist.

Bucks Co. 4-H'ers learn to clown

BUCKINGHAM — Tulip the Clown of Doylestown has been working with a group of 4-Hers from the Buckingham Club in the field of clowning. The following members have learned how to apply clown make-up, the history of clowns and how to interact with patients in nursing homes using clowning: Alison Alexander, New Hope; Heather and Erica Glaab, New Hope; Dawn Godshall, Warrington; Joanne and Heather Guthrie, Buckingham; Amy Janis, Buckingham; Meg Mongtomery, Buckingham; Jennifer and Debbie Wiley, Furlong.

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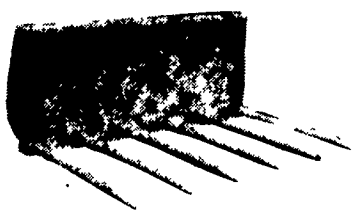

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On being a farm wife - And other hazards

Joyce Bupp

Perhaps it's the cycle of the moon, or the sign under which I was born, or the stage of the tides, or maybe we have a backyard full of four-leaf clovers.

Whatever the reason, the good fortune which has befallen me in recent weeks is simply unbelievable.

It began with one morning's mail, from which I extracted a large, colorful envelope. Imagine my delight when I read that Mrs. Bupp shall be paid one million dollars in cash. Guaranteed.

Whew. I had to sit down from the excitement before slashing open the envelope for the rest of the wonderful news. Shaking with anticipation, I withdrew the contents, only to learn that my million depended on my being declared the Grand Prize winner. But, if I hurried and sent back my very own lucky number in time, and happened to be the big winner, they'd double the million.

Gee. Two million would pay for a pile of combine parts and calf starter.

Thus you can understand how crushed I felt to read further, and learn that it was our daughter's name in smaller print at the bottom. And she isn't a Mrs.

Oh, well, I didn't want any of their magazines either.

Lo and behold, just days later here comes another, if lesser, offer—for a mere quarter-million-to a J. Bupp. All she had to do was play the secret combination, stamp a batch of lucky numbers to a game form, peel off and sign the winner's release form, return the new customer gift certificate for lots of freebies and ship it all back — preferably with an order for some of the "no risk - guaranteed" merchandise.

Not to forget filling out the color J. Bupp would prefer for her new car or refrigerator or coffee brewer or junk jewelry ring.

J. Bupp is allergic to junk jewelry rings, which make her hands break out in a rash. Here we come again, Mr. Trashcan.

By now our dependable mailman was on a roll and soon stuffed the box with yet another goodie offer. Glory be, I had been named a prizewinner - somewhere between first to eleventh place — in another quarter-million sweepstakes.

Just mailing the enclosed sheaf of little flyers was all that was necessary — by Dec. 25. A certificate of authenticity would even be provided. Authentic what? And why did I have to fill in my Social Security number? Eventually I did unearth the list of prizes — which turned out to be junk jewelry.

The trashcan grew fatter.

Then came the latest, an invitation to visit a new recreational facility resort, for which I would be rewarded with my choice from three prizes for listening to a sales pitch.

That brought back a memory. About ten years ago, planning a Sunday drive to look at the fall foliage, we took up one of those resort land ads on their visit offer. When he learned we were farmers, the salesman became very rude and disinterested, ultimately admitting that they didn't like to talk with our kind. Seems that farmers are accustomed to dealing with land prices of a more realistic ilk than what they were charging for a quarter-acre in the middle of some weekend development.

Still, we ate their free lunch, allowed our toddlers to play on their playground equipment and insisted on being given the tour, at the end of which we insisted on receiving our "free prize." We still use a few of the unbroken glasses from that large set of glassware, and often chuckle about where they came from.

This whole account recalls to mind history lessons of how colonial land speculators once purchased Manhattan Island from the Indians for $24 of blankets - and junk jewelry beads.

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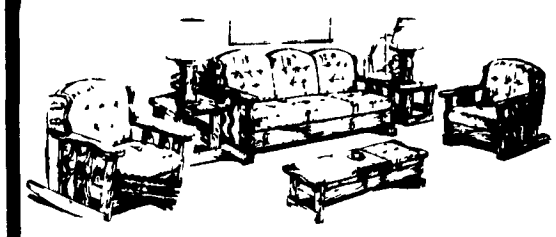

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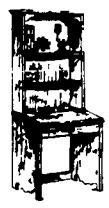

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Cut calories at Christmas

Those extra calories add up during the holiday season. Extension home economist Greta C. Vairo, offers some suggestions for cutting down on calories and still enjoying Christmas meals.

For an appetizer, try fresh raw vegetables with a dip made from low-fat yogurt rather than sour cream. If you serve soup made from stock, skim the fat off. You won't lose the flavor, but you will reduce the calories. Also, cream soups or those with a cheese base have more calories than those made with a broth base.

Instead of the usual Christmas ham, serve turkey or chicken, roasted with your favorite stuffing. If you choose to prepare beef, pork or lamb, serve it well drained and trimmed of visible fat. When preparing gravy from meat drippings, cool the gravy quickly in the refrigerator or freezer, then skim the fat off the top to reduce calories.

Serve vegetables with lemon juice or herbs. If you want to use butter, drizzle a tablespoon or two over the vegetables in the serving bowl, rather than placing the butter dish on the table. Serve baked potatoes instead of mashed. This eliminates the added calories from the butter and milk. If making mashed potatoes, use 2 percent or skim milk.

For dessert, you can reduce the calories in pumpkin pie by making it with skim milk or 2 percent low fat milk. Instead of a pastry crust, make a graham cracker crust using less butter. Or, better yet, make a pumpkin custard rather than a pie. In many recipes, such as mincemeat pie, you can reduce the amount of sugar called for by up to half. Other good low caloried desserts are fruit salads, crepes with fruit filling or a yogurt parfait instead of one made with ice cream. Moderation is the key to low calorie eating.

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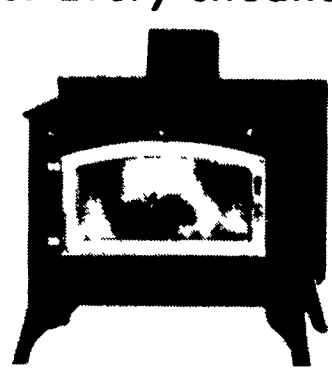

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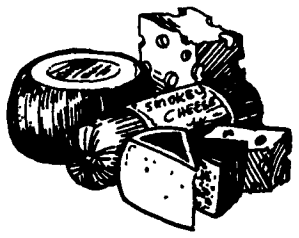
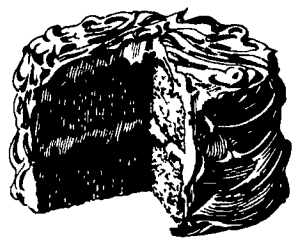


Home On The Range



It's time to make Christmas cookies!

December is here and that means it's time to fire up the oven and start making Christmas cookies — those delightful treats that everyone enjoys.

Make sure you're prepared with plates of cookies for family and friends who will surely visit during the holiday season. And don't forget — Santa likes cookies too!

Make some simple drop cookies and then get a little more adventurous and try something just a bit more difficult. A few colorful sprinkles or a bit of icing makes tasty cookies even harder to resist.

COWBOY COOKIES

1 cup granulated sugar
1 cup brown sugar
1 cup vegetable shortening
2 eggs
2 cups sifted flour
½ teaspoon salt
½ teaspoon baking powder
1 teaspoon baking soda
2 cups oatmeal
¾ cup chocolate chips
Coconut, as much as desired
1 teaspoon vanilla

Mix all ingredients together and drop by teaspoonfuls onto cookie sheet. Dough is very stiff. Bake 15 minutes at 350°F. Makes 8 dozen cookies.

Luella Sensenig
East Earl

CHOCOLATE MARSHMALLOW COOKIES

2 cups cake flour
½ teaspoon each soda and salt
½ cup cocoa
½ cup shortening
1 cup sugar
1 egg
½ cup milk
1 teaspoon vanilla
½ cup black walnuts
36 large marshmallows, cut in half

Bake at 350°F. for 8 minutes. Top with marshmallow halves. Bake 2 minutes more. Cool and frost with :

2 cups confectioner's sugar
5 tablespoons cocoa
3 tablespoons melted butter
4 tablespoons light cream
½ teaspoon vanilla
Dash of salt

Decorate with a bit of nut on top.

Lydia Ann King
Drumore

FRUIT BALLS

1 pound graham crackers rolled fine
1 large bag miniature marshmallows
½ pound seedless raisins
2 cans flaked coconut
2 cups walnuts, chopped fine
1 pound dates, chopped fine
1 medium jar maraschino cherries, cut fine
2 cans Eagle Brand Condensed milk

Mix in order given in large bowl (dishpan). Form into balls, size of walnuts. Roll in coconut or ground nuts. No baking is required. Let stand a couple of hours before serving. Freezes very well.

Sara Jane Fulmer
West Newton

CHOCOLATE CHIP BARS

½ cup butter
1 cup sugar
2 eggs
1 teaspoon vanilla
¾ cup flour
½ teaspoon baking powder
Pinch of salt
1 6-ounce package chocolate bits
½ cup chopped nuts

Cream first two ingredients; blend in remaining ingredients. Bake at 350°F. for about ½ hour in 8-inch square pan.

Betty Biehl
Mertztown

LUNCHBOX COOKIES

½ cup butter or margarine
½ cup vegetable shortening
1½ cups sugar
2 eggs
1 teaspoon vanilla
2 cups all-purpose flour
1 teaspoon baking soda
½ teaspoon salt
3 cups P and Q crispy rice cereal

Preheat oven to 400°F. Cream shortening, beat in sugar. Add eggs and vanilla and beat until fluffy. Stir together flour, baking soda and salt. Add to creamed mixture. Add crispy rice. Drop by tablespoons on ungreased cookie sheets 2 inches apart. Bake 9 to 11 minutes or until browned. Let cool 1 minute on cookie sheet before removing. Crisp and crunchy.

Mary Ella Oberholtzer
New Holland

BACHELOR BUTTONS

½ cup shortening
1 cup brown sugar
1 egg
½ cup chopped nuts
½ cup candied cherries, cut up
1 teaspoon vanilla
2 cups flour
½ cup coconut
1 teaspoon soda

Cream shortening and sugar. Add egg and mix well. Mix flour and soda and add alternately with other ingredients. Bake 8 to 10 minutes at 350°F.

Nancy Kramer
Newmanstown

Set out a plate (or sleigh) full of tasty cookies for Santa or holiday guests. This sleigh is loaded with Peppermint Chocolate Cookies and Cheesecake Cookies.

SOUR CREAM SOFTIES

3 cups flour
1 teaspoon salt
½ teaspoon baking soda
½ teaspoon baking powder
½ cup margarine
1½ cups sugar
2 eggs
1 teaspoon vanilla
1 cup sour cream
½ cup cinnamon and sugar mixture, optional

Cream margarine, sugar, eggs and vanilla. Sift dry ingredients. Add dry ingredients alternately with sour cream. Drop onto greased sheet four inches apart. Sprinkle with cinnamon-sugar mixture. Bake at 400°F. about 12 minutes or until lightly golden around edges. Watch carefully. Sprinkle again with cinnamon-sugar mixture after removing from oven. I often omit the cinnamon-sugar mixture on some of them and frost them with colored icing when they're cool. Then I sprinkle with with coconut or colored sugar, etc.

Norma Burkholder
Ephrata

ORANGE COOKIES

1 cup shortening
1¾ cups sugar
2 eggs
3½ to 4 cups flour
½ teaspoons salt
1 teaspoon soda
1 teaspoon baking powder
1 cup sour milk or buttermilk
Juice and grated rind of one orange

Cream shortening and sugar together. Add eggs and beat until fluffy. Add rind and juice of orange. Sift flour, adding soda and baking powder and salt. Add sifted dry ingredients alternately with sour milk to creamed mixture. Drop by teaspoonfuls onto greased baking sheet two inches apart. Bake at 375°F. for about 12 minutes. Makes 6 dozen cookies. Spread with frosting while still warm.

Mrs. Daniel Weaver
Boiling Springs

CHEESECAKE COOKIES

CRUST:
¼ cup (½ stick) butter
⅓ cup firmly packed brown sugar
1 cup all-purpose flour
½ cup chopped pecans
¼ cup currant jelly
FILLING:
1 8-ounce package cream cheese
¼ cup sugar
1 egg
2 tablespoons milk
2 tablespoons fresh lemon juice
½ teaspoon vanilla extract

Preheat oven to 350°F. For crust, cream butter in small mixing bowl. Add sugar and flour. Blend until mixture resembles cornmeal. Stir in pecans. Reserve 1 cup of mixture for topping. Press remainder onto bottom of 8-inch square baking pan. Bake 15 minutes. Cool. Spread jelly over crust. For filling, beat cream cheese and sugar in small mixing bowl. Beat in egg and milk. Add lemon juice and vanilla. Turn into pan; sprinkle with reserved crumb mixture. Bake 30 minutes. Cool on wire rack; cut into bars or squares.

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. You can send your recipes to Sue Keene at Lancaster Farming, P.O. Box 366, Lititz, PA 17543.

December	
8	Fireside Treats
15	Holiday Favorites
22	Beverages

Featured Recipe

This week's featured recipe comes from the American Dairy Association, which urges homemakers to use real butter when preparing your Christmas cookies and other goodies. Butter gives cookies long-lasting freshness, tenderness and flavor that comes only from the real product.

The Dairy Council is also offering a free leaflet that includes 13 recipes for "Best Ever Butter Cookies." To receive your pamphlet write to "Best Ever Butter Cookies," 472 South Salina Street, Syracuse, New York, 13202, and include a self-addressed, stamped business envelope. The recipe below comes from the council's pamphlet.

Candy Cane and Wreath Cookies

1¼ cups butter
1 cup confectioner's sugar
1 egg
1 teaspoon vanilla extract
½ teaspoon almond extract
3½ cups all-purpose flour
1 teaspoon salt
Red and green food color
1 egg white
Red or green decorating sugar
Cinnamon candies

Cream butter in large mixing bowl. Gradually add sugar and beat until light and fluffy. Beat in egg and flavorings. Combine flour and salt; gradually add to creamed mixture. Set aside half of dough. Divide the other half in two parts. Tint one part light green and the other light red with food color. Keep dough chilled for ease in handling. Preheat oven to 350°F.

For candy canes, roll with hands 1 teaspoonful of white dough and one of red into strips about 4 inches long. Place strips side by side and twist together lightly. Carefully put on unbuttered baking sheets and curve the top down to form a handle. Brush with egg white and sprinkle with red sugar. Bake 10 to 12 minutes.

For wreaths, roll 1 teaspoonful of white dough and one of green. After twisting them together form into circle on the baking sheet. Brush with egg white and sprinkle with green sugar. Use cinnamon candies for garnish and bake the same as the candy canes.

JOHN DEERE

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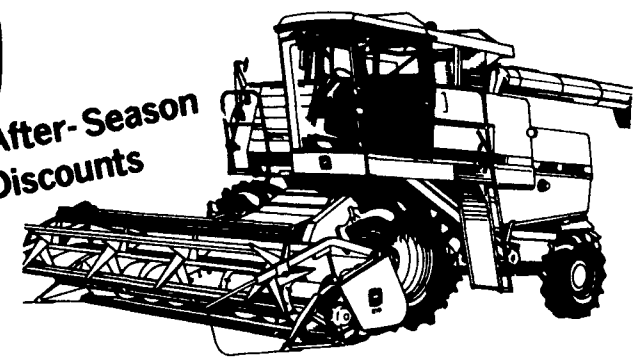

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JOHN DEERE

Fall Hours: Monday Thru Friday, 7:00 to 5:30; Saturday 7:00 to 4:00

Christmas cookies

(Continued from Page B6)

CHRISTMAS WREATHS

1½ pounds flour
1 pound sugar
9 ounces butter
5 eggs
Grated peel of 1 lemon
Chopped nuts

Cream butter; add eggs one by one, then sugar and lemon peel. Add flour gradually and mix well. From the dough form small wreaths, placing them on a greased baking sheet, not too close together. Dust lightly with flour and dredge with chopped nuts. Bake in moderate oven (350°F) until lightly browned.

Minerva Martin
Shippensburg

PEPPERMINT CHOCOLATE COOKIES

COOKIE DOUGH:
2 cups all-purpose flour
½ cup cocoa
¼ cup sugar
1 teaspoon salt
½ teaspoon baking powder
¾ cup butter
2 egg yolks, slightly beaten
⅓ cup milk
1 teaspoon vanilla extract
Sugar
PEPPERMINT MERINGUE:
2 egg whites
¼ teaspoon cream of tartar
¼ cup sugar
½ teaspoon vanilla extract
¼ teaspoon salt
1 cup crushed peppermint stick candy
Red food color

Preheat oven to 325°F. For cookies, combine flour, cocoa, sugar, salt and baking powder in large mixing bowl. Cut in butter until mixture resembles cornmeal. Combine egg yolks, milk and vanilla; add to flour mixture. Stir only enough to form a soft dough. Shape cookie dough into balls 1 inch in diameter and place on unbuttered cookie sheets. Flatten with bottom of glass dipped in granulated sugar. For meringue, beat egg whites until frothy. Add cream of tartar and beat until soft peaks form. Add sugar, 1 tablespoon at a time; continue beating until very stiff peaks form. Add vanilla and salt. Fold in candy and food color. Top each cookie with a teaspoon of meringue. Bake 15 to 18 minutes.

CHRISTMAS MOLASSES COOKIES

Blend together in saucepan:
1 cup milk molasses or honey
1 cup sugar
½ cup butter
½ cup lard

Bring to simmer, stirring constantly. Pour over 2 cups flour and beat smooth. Pour over 2 beaten eggs and beat smooth. While mixture cools, sift together:
3 cups flour
½ teaspoon soda
½ teaspoon salt
½ teaspoon ginger
½ teaspoon cinnamon
½ teaspoon cloves

When egg mixture is cold, blend with flour mixture. Work into smooth dough. Place in covered bowl and chill thoroughly before rolling. Roll very thin. Cut out and decorate as desired. Bake at 350°F. for 8 minutes or until slightly browned.

Ida Keeny
New Freedom

MINIATURE PECAN PIES

½ cup margarine
1 cup sifted flour
1 3-ounce package cream cheese

Cream and divide into half then shape each half into balls. Press into cups of miniature muffin tins.
Filling:
1 egg, beaten
¾ cup brown sugar, packed
1/8 teaspoon salt
¼ teaspoon vanilla
1 tablespoon margarine

Sprinkle a few chopped pecans in bottom of shells. Add filling and top with pecans. Put about 1 teaspoon of filling in each cup. If any is left, divide in cups. Makes 24 cups. Bake at 350°F. for 20 minutes. Then bake at 250°F. for 20 minutes.

Julia Shaull
Brogue

CHERRY WINKS

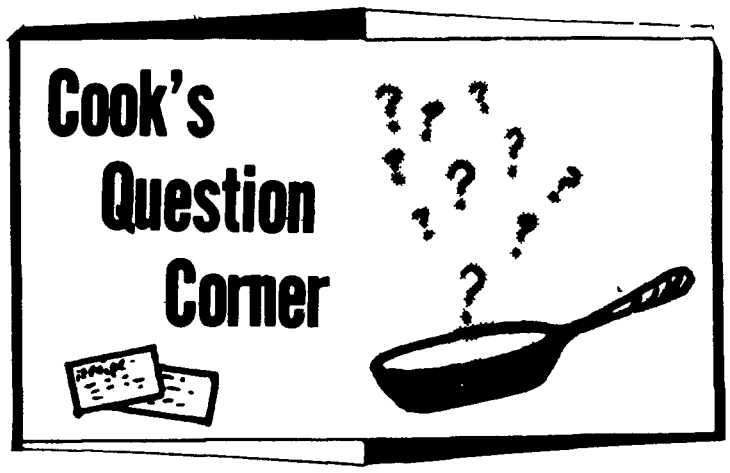
2¼ cups all-purpose flour
2 teaspoons baking powder
½ teaspoon salt
¾ cup margarine or butter, softened
1 cup sugar
2 eggs
2 tablespoons milk
1 teaspoon vanilla flavoring
1 cup chopped nuts
1 cup finely cut, pitted dates
⅓ cup finely chopped maraschino cherries
2⅔ cups corn flakes, crushed to 1⅓ cups
15 maraschino cherries, cut into quarters

Stir together flour, baking powder and salt. Set aside.

In large mixing bowl, beat margarine and sugar until light and fluffy. Add eggs. Beat well. Stir in milk and vanilla. Add flour mixture. Mix until well combined. Stir in nuts, dates and chopped cherries.

Portion dough using level measuring tablespoon. Shape into balls. Roll in crushed corn flakes. Place about 2 inches apart on greased baking sheets. Top each with cherry quarters. Bake at 375°F. about 10 minutes or until lightly browned. Remove immediately from baking sheets. Cool. Yields about 5 dozen.

Sarah B. King
Lancaster



QUESTION - Priscilla Beiler, Quarryville, would like a recipe for ham bologna.

QUESTION - Vera Martin, Leola, would like a recipe for canned, dark red kidney beans (the kind you buy in the store). They are often used to make chili.

QUESTION - Mary E. Neal, Homer City, is still looking for a vegetable lasagna recipe.

ANSWER - Mrs. Charles Biehl, Mertztown, requested recipes for sugar cookies and breakfast cake. Thanks go to Mollie Tressler, Marietta, for her Breakfast Cake recipe, and to Linda Christman, Greencastle, for her Sugar Cookie recipe.

Breakfast Cake

1 cup sugar
1 cup milk
2 cups flour
2 teaspoons baking powder
2 tablespoons butter
1 egg
1 teaspoon vanilla

Mix all ingredients together. Pour into pan. Put lumps of butter the size of peas all over cake. Sprinkle 1 cup brown sugar and cinnamon on cake. Bake at 350° F. for about ½ hour.

Sugar Cookies

1 cup butter
1 cup sugar
1 egg
3 cups flour
1 teaspoon soda

Cream together butter, sugar and egg. Add soda and flour. Roll out on floured board and cut with cookie cutters. Bake at 425° F. for 6 to 8 minutes. Cookies stay nice and soft.

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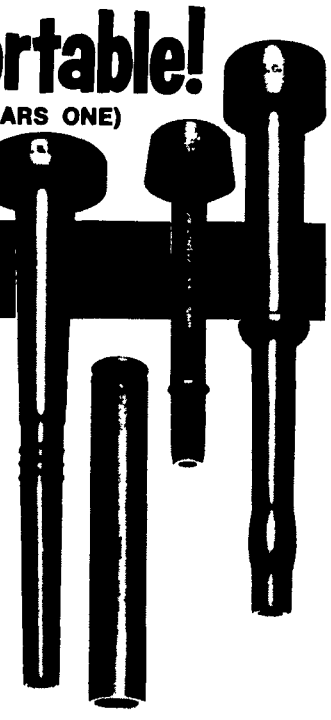

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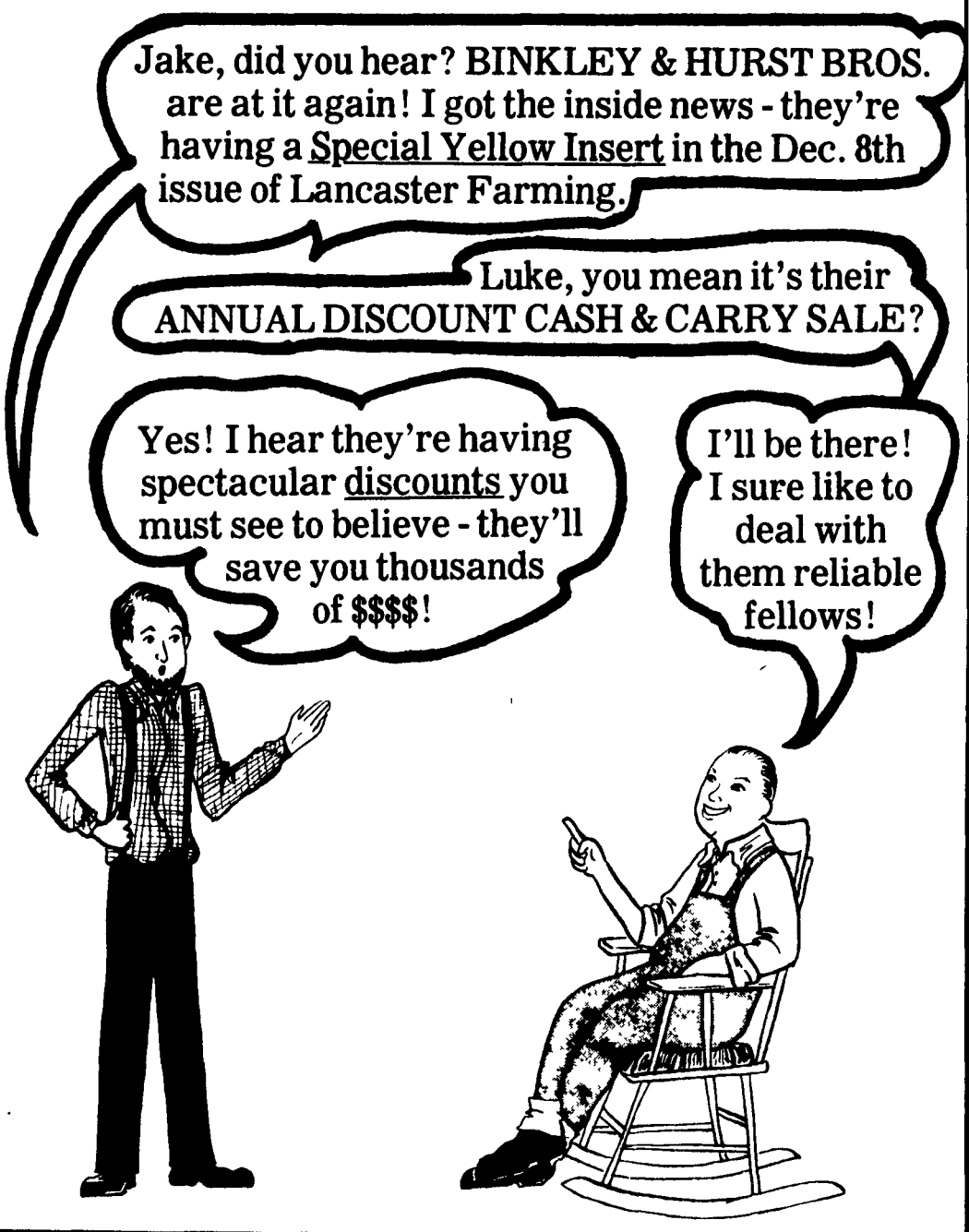
Jake, did you hear? BINKLEY & HURST BROS. are at it again! I got the inside news - they're having a Special Yellow Insert in the Dec. 8th issue of Lancaster Farming.
Luke, you mean it's their ANNUAL DISCOUNT CASH & CARRY SALE?
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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

HOLIDAY STAIN REMOVAL TIPS

In the excitement of the holidays there's bound to be a spilled liquid or a dripping candle that can cause a spot or stain. So plan now to buy a few basic items to help with stain removal emergencies. You will need paper towels, cleaning fluids, a sponge, oxygen bleach, chlorine bleach, petroleum jelly and an enzyme pre-soak.

The key to stain removal is immediate treatment. When company is present and a spill occurs, use paper towels to absorb as much of the liquid as possible. Soak a sponge in cool water and use it to remove further traces of the spill. Later, you can get down to the business of the final stain removal.

Test any stain remover on a corner of fabric first to see how it reacts. Treat spots from the back of the fabric. Place the spot downward on some paper towels so that the stain will come off the fabric instead of going through it. After treatment, regular laundering will usually remove the last traces of the stain.

Here are some special methods for treating the most common holiday-type stains.

Sponge fruit stains, including cranberries, immediately with cool water. Later soak in warm water and enzyme pre-soak. Then launder. If possible, launder again using chlorine bleach.

For gravy or milk stains, work a paste of detergent and water into the stain. If a greasy stain remains after laundering, sponge with a dry-cleaning solvent. Soak coffee or tea stains in warm water and an enzyme pre-soak or oxygen bleach and launder.

For candle wax spots, scrape off as much wax as possible. Then place the stain between layers of paper towels and press with a warm iron. Next, place the stain face downward on paper towels and sponge the back with drycleaning solvent. Launder when dry.

For lipstick spots, rub undiluted liquid detergent into the stain until outline of stain is removed. If after laundering, stain remains, sponge with drycleaning solvent.

SEW BABY'S CHRISTMAS PRESENT

Sewing gifts for baby this Christmas can be fun and easy since most gifts can be made without darts, facings, linings, or other difficult sewing techniques.

Select only soft, smooth fabrics for free, easy movement and restful sleep. Be sure they are washable and absorbent.

Knits are an excellent choice because they stretch as the baby moves. Consider buying fabric which is flame retardant for extra protection for baby. Avoid scratchy trims, and large buttons or snaps which can irritate the young child's skin. Flat felled seams or French seams make a durable, non-irratating seam finish.

An exact fit is not required. In fact, garments should be easy to put on. Pulling tight fitting garments over the infant's head can be a difficult and upsetting task. Long openings, using grippers or zippers, will aid in easy dressing for an active baby – especially one still in diapers.

When sewing for baby, remember that growth occurs rapidly during the child's first year. Garments will be outgrown quickly. Avoid making a large number of garments the same size.

You can also make quilts, blankets, bibs, bath towels, burp pads, infants seat covers and pads, diaper holders, toy bags or other items the baby's mother will find useful.

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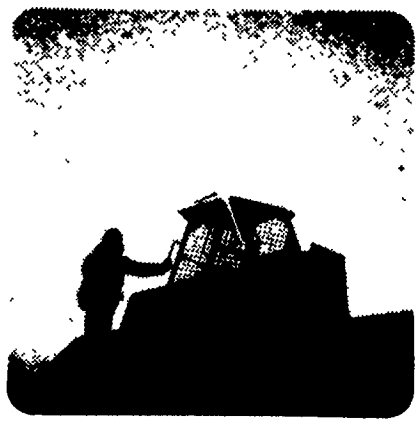
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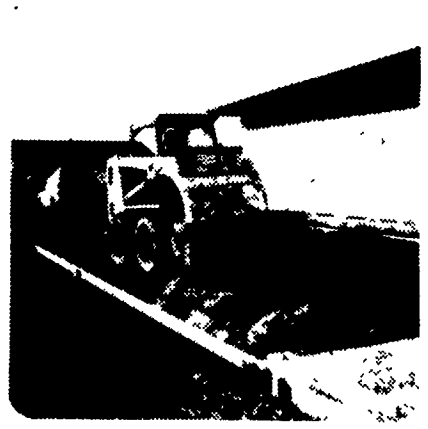
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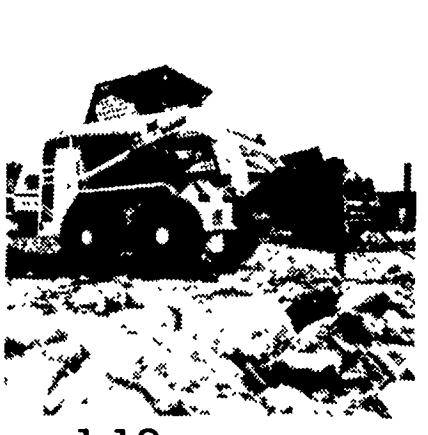
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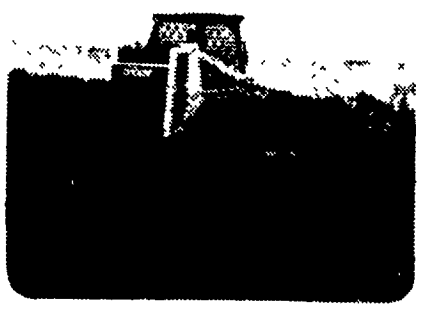
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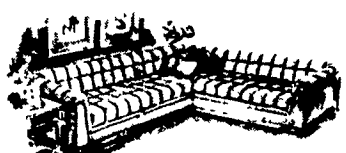

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Kid's Korner

Baobab tree provides shade for Burkinabe village

BOALA, Burkina Faso — The last 60 miles of the road to Boala is a rutted dirt track, impassable during the June-September rainy season. The sun-hardened, reddish brown soil of the Mossi Plateau stretches out to a flat horizon. Firewood gatherers and grazing livestock have virtually deforested this sub-Saharan countryside.

In this stark scene, an old baobab tree stands out like a giant on the landscape, its dark, pendulous fruit hanging from nearly bare branches. The people of this country, the Burkinabe, have found some 30 uses for the baobab, including forage for cattle and goats, string and medicine produced from the bark, and food from the fruit. The leaves are ground into a viscous sauce to be poured over the national dish called "to," a porridge made of millet and sorghum.

IN EQUATORIAL HEAT

Moreover, in a country so close to the equator that the seasonal variation in the length of a day in only 20 minutes, where midday temperatures average 100 degrees, all trees are valued simply for their shade.

The deep black shade of a spreading mango tree in a family's courtyard is a great luxury. An old Neere or Kaya tree is the scene of village meetings and a resting place for old people and children. One who looks higher into the branches is likely to see baboons and vultures.

Until Aug. 4, 1984, Burkina Faso was known as Upper Volta. The French named their landlocked African colony for the three branches of the Volta River that flow out of its heights, through neighbors to the south, and into the Gulf of Guinea. The Voltaics gained their independence in 1960.

The national name change marked the first anniversary of the coup d'etat that brought Capt. Thomas Sankara's military government to power. The old name represented the colonial past, which Sankara is determined to eradicate. Burkina Faso, roughly translated, means "land of uncorrupted men." The citizens no longer call themselves Voltaics, but Burkinabe.

Burkina Faso is one of the poorest countries in the world, and its people face immense challenges: how to increase agricultural yields, provide pure water and basic health care, fight desertification, and build roads where none exist. In spite of a massive influx of foreign aid, the Burkinabe are finding it very difficult to translate expertise and costly programs into substantive change.

Too often, newly built hospitals stand unopened and unused for lack of personnel and medicines. The rural population (90 percent of the seven million total) continue to work their fields with a "daba," the traditional handmade farming implement.

STUBBORN REALITIES

In short, like countries elsewhere in the third world, Burkina Faso has found that it is easier to change its government and its name than to change the realities of poverty and environment.

Boala, population about 400, is 120 miles from the capital city of Ouagadougou. Only the 60 miles nearest the capital are paved. Visitors who make the arduous journey believe at first that the road is deserted. After a while they realize that they are never far from a cluster of mud huts with thatched roofs.

On both sides of the road, the terrain is crisscrossed with narrow footpaths. Groups of women with babies on their backs and heavy clay pots of water on their heads return from distant wells. If a bicycle or motorbike passes, it is most likely ridden by a man, and generally a flapping chicken or bleating goat is tied behind him. Young boys commonly tend the herds, while girls transport firewood, water, or baskets of grain on their heads. Only an old man or a chief is ever seen on horseback.

The rare foreign visitors to Boala are usually greeted by a crowd. Villagers bring buckets of water so that travelers can wash the dust of the journey from their faces and hands. From the only refrigerator in the village are brought extremely cold bottles of cola, orange soda, or soda water.

The villagers of Boala are especially proud of their clinic. Sparsely furnished, it has a small dispensary where a young girl with an elementary knowledge of first aid treats patients with complaints ranging from infected cuts to serious illnesses. But vaccines are scarce and rarely available to people in isolated villages like Boala.

The Boala clinic's bare delivery room is recognizable only by its delivery table. A midwife is available, but she lacks the knowledge or resources to deal with complications. Across the hall is a small recovery room where a new mother can rest and regain her strength before returning on foot to her own village. Just outside the delivery room is a cooking area where families can prepare food for the patient who stays longer than a few hours. Visiting husbands can sleep in a mud hut next door.

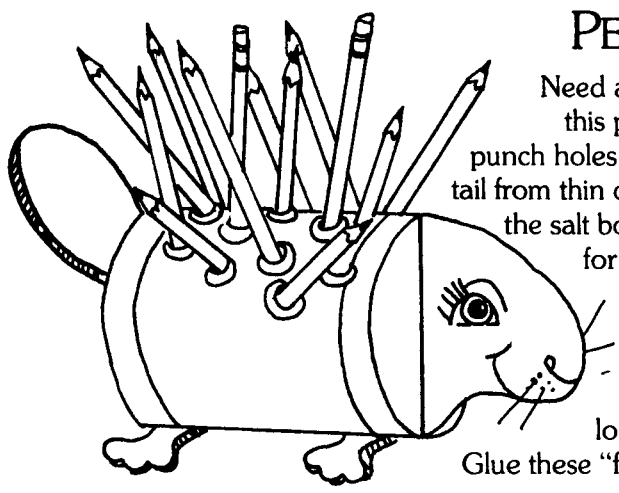
FILTERED THROUGH STONES

The clinic has a simple water filter that is merely one clay pot atop another. The top pot, partly filled with stones, has small holes in the bottom. When well water is poured into the top container, it passes through the stones, which filter out some impurities. The system is primitive, but it indicates the villagers' awareness of the connection between pure water and health, especially for people who are ill or weak.

At times of rejoicing or in honor of special visitors, some 40 women and children gather under a large tree and form a circle. For an hour of high-spirited celebration, they dance to the rhythm of clapping hands, stamping feet, and singing. One woman after another enters the circle, each one trying to outdance the other as the crowd voices its appreciation with loud cheers and laughter.

The two oldest women in the village are the acknowledged champions. The rapture of the small children watching the dance suggests that Boala will always have dancers.

PENCIL PORKY



Need a place to put your pencils? Then make this porcupine pencil holder. Use a pencil to punch holes in an empty salt box. Cut a head and a tail from thin cardboard (see drawing). At one end of the salt box, cut a slit as wide as the tail. Cut a slit for the head at the other end. Apply some glue to the slits and wedge in the head and tail. While the glue is drying, cut two strips of heavy cardboard. (Each strip should be about 1" wide and 4" long.) Cut notches on the ends for claws. Glue these "feet" to the bottom of your pencil porky.

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2.	RED	7.	GREEN
3.	YELLOW	8.	LT. BROWN
4.	BLUE	9.	LT. BLUE
5.	BROWN	10.	LT. GREEN

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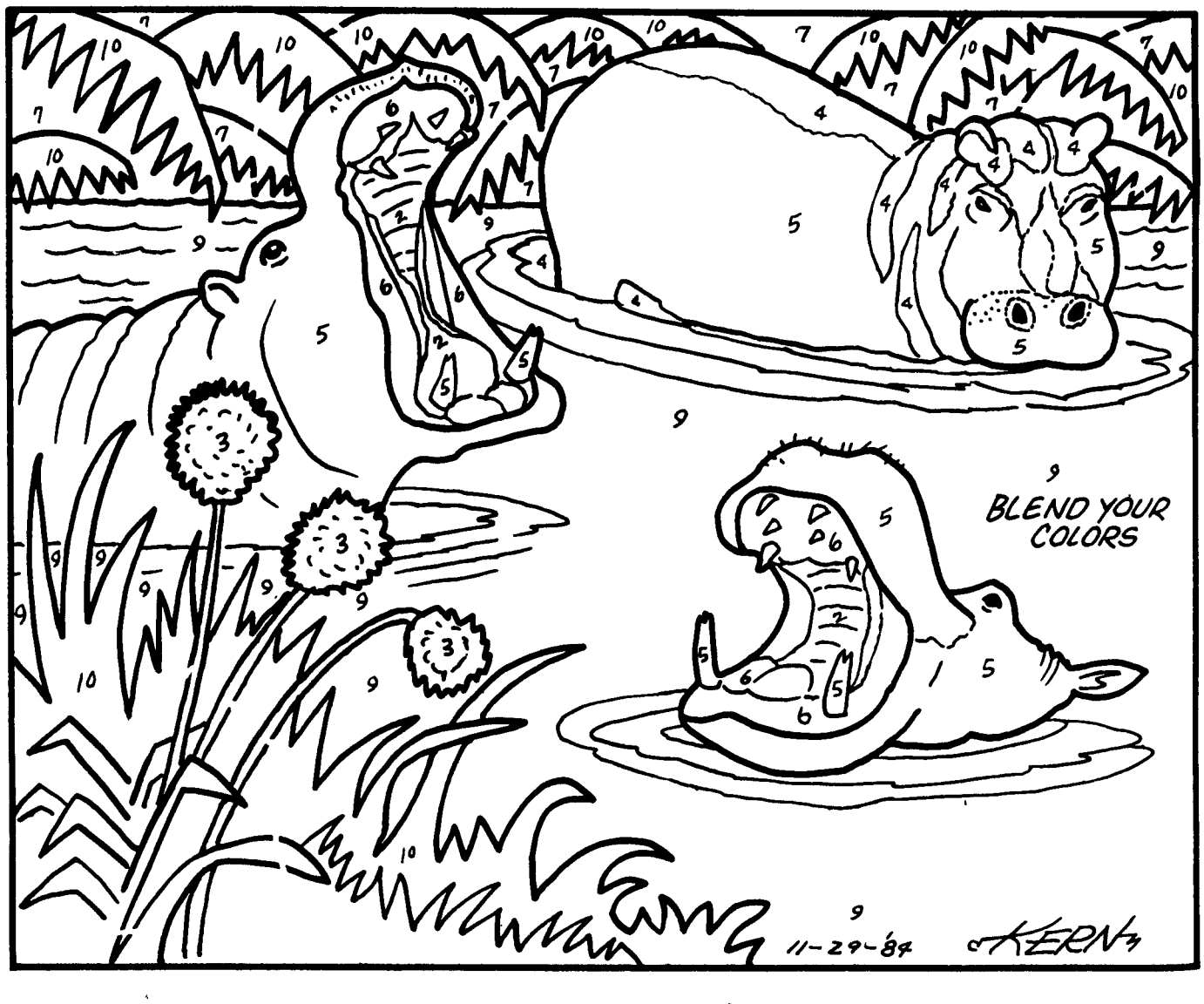

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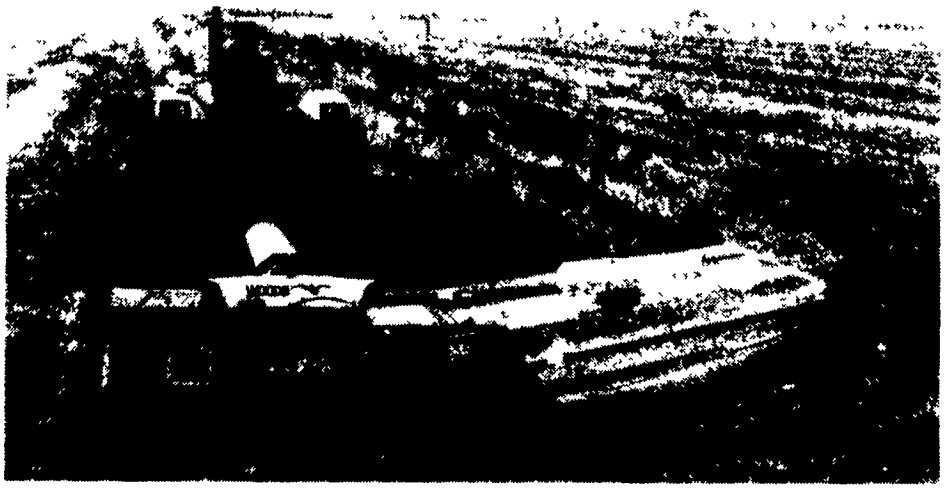

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Ida's Notebook

Ida Risser

On a recent rainy Sunday afternoon, I decided to visit some nearby gift and craft shops in the village of Oregon near my home. Some are housed in an old barn and another in the lower floor of a stone mill.

The people who built these structures certainly could never have envisioned them being used for such purposes. The village was settled by the Bear family in the early 1700's. Eventually it became a bustling business place with a hotel, store, barber shop, wheelwright shop, shoemaker, blacksmith, two butcher shops, four cigar manufacturers, a funeral home, a school and a Union Church. It was a major stop on the Lancaster-Reading Highway.

But, then for many years, including those when I walked through it on my way to school, it was simply a quiet village of about 30 houses. A main road bypassed the town as roads are wont to do nowadays.

Now, with the current interest in crafts, the place has come alive again. Many people are able to start their own businesses "on a shoe string" when they use their natural skills to create a product. One shop specializes in kaleidoscopes of all sizes, another in doll houses and their furnishings and still another in toleware.

Other gift shops carry quilted items, punched tinware, jewelry, toys, wood carvings and all kinds of needlework. I would suppose that this is a busy season for these shop owners as gifts are purchased for the Christmas season.

My only purchases were a strawberry scented candle and a small handmade basket. I used the basket to arrange some dried flowers that I preserved from my garden. The gloriosa daisies, dwarf marigolds and golden mums plus baby's breath made an attractive arrangement to put on my old pine desk.

New York teens win 4-H achievement scholarships

CHICAGO, Ill. — Six teenageers from New York state have been named winners of 1984 National 4-H Achievement Scholarships. Each of the winners will received $1,000 scholarhsips.

The scholarhsips were announced during the 63rd National 4-H Congress this week. The scholarships are supported by corporate and institutional sponsors.

—Deborah Lynn Mutino of Orange County, who led other 4-H'ers in helping homeless men at Camp LaGuardia, a New York City facility, is one of nine national winners in the 4-H citizenship program. Mutino, who lives at 708 Vivian road, Chester, received a scholarship from the Coca-Cola Company, the program sponsor. A high school senior, she has been in 4-H for 11 years.

—Carolyn Ann Kreppein of Nassau County took over the responsibility of leading a 4-H club of younger members when the adult leader resigned. Kreppein, who lives at 115 Hamilton Road, Rockville Centre, received one of nine national 4-H leadership program scholarships supported by Reader's Digest. A ten-year 4-H'er, she is a freshman at the State University of New York Agricultural and Technical College at Cobleskill.

—Craig Richael of St. Lawrence County raised vegetables and sold them at a roadside stand and turned many cutomers into friends. Richael, whose address is PO Box 16, Hopkinton, received one of the eight national scholarships in the 4-H gardening and horticulture program sponsored by the Ortho Consumer Products Division of Chevron Chemical Company. A high school senior, he plans to major in biology at Cornell University.

—Debbie Peck of Saratoga County played a major role in converting a little red schoolhouse into a home; she received one of the six national scholarships in the 4-H home environment program supported by the Friends of National 4-H Council. Peck, of Route 1, Saratoga Springs, a high school senior, used knowledge gained in 4-H to convert the old building located on the family farm.

—John Melveney of Schuyler County received one of six national 4-H horse program scholarships sponsored by the American Quarter Horse Association. A freshman in the New York State College of Agriculture and Life Sciences at Cornell University who plans a career in veterinary medicine, Melveney never paid more than $150 for any of the four horses he bought and rode to honors. He resides at RD #1, Logan Road, Burdett.

—Alice-Beth MacMillen of Tompkins County, who sold fresh-dressed turkeys and set up a self-service egg business, received one of nine national 4-H achievement program scholarships sponsored by the Ford Motor Company Fund. MacMillen, a high school senior residing at 4 Wilderness Road, Lansing, plans to major in communication arts at Cornell University. She has been in 4-H eight years.

4-H and youth development is one of five program areas of Cornell Cooperative Extension; the others are agriculture, home economics, community issues, and Sea Grant.

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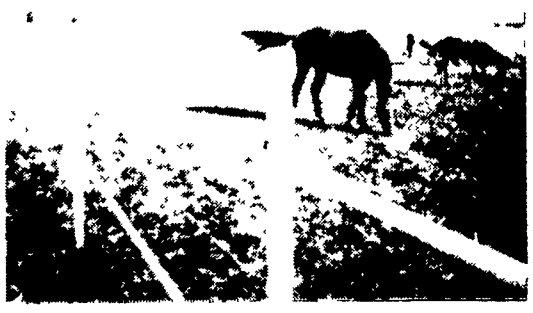

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THE MICRO WAY

LANI BLOOMER

Microwave utensils make good Christmas gifts

Now that Thankgsiving is over, the countdown to Christmas has started. If you need a gift for someone with a microwave, there are microwave utensils and accessories in all price ranges that they might appreciate.

Many people ask whether glass or plastic microwave utensils are better. A perfect utensil would be light weight, easy to clean, unbreakable, stackable so it's easy to store, good looking and versatile. Unfortunately, I haven't found any yet that meet all the requirements!

Each type of material has benefits and disadvantages. Plastic utensils are harder to clean than glass utensils, because proteins like meat and meat juices tend to stick to the plastics. The glass utensils are safe in a regular oven. But many of the "plastic" utensils are made from materials that can take temperatures up to 400° F. The glass utensils draw more heat from the cooking food, so cooking times may be slightly longer than plastics. However, the glass ones keep food warmer longer at the table. But glass breaks and is heavier... I can't tell you which to choose! You will have to decide which things are improtant to you.

Here are a few microwave utensils and accessories that would make good gifts.

• Wooden or plastic stirring spoons, which can be left in a microwave during cooking (about $2-5).

• A kitchen scale for weighing vegetables and meats to determine cooking time. Most vegetables and meats can be cooked for 6-7 minutes per pound on high (from about $10-$40).

• A plastic 10- or 12-cut bundt pan for baking cakes. This pan holds any two layer cake for easy baking (about $7-10).

• Two 9-inch round plastic layer cake pans. These pans are easier to bake in (but harder to find in stores) than the round glass pans (about $8-$10 each).

• For someone who bakes a lot, or whose oven cooks unevenly, a turntable would be a welcome gift. Both the battery and the wind up kind work well (from about $25-40).

• The small "instant read" thermometers can be left in the microwave during cooking since they don't contain mercury. They are helpful for roasting meats and making yogurt in ovens without a temperature probe (about $10-$15).

• A microwave cookbook. For a beginning microwave cook, "Let's Cook Microwave," by Barbara Harris can't be beat. Harris' book is available by mail (but might not make it before Christmas) from: Mrs. Barbara Harris, P.O. Box 2992, Portland, Oregon 97208. Prices include shipping: $6 for paperback, $8.95 for spiral bound. Many other cookbooks are available where microwaves are sold and in bookstores.

• Heat resistant (Pyrex-type) glass measuring cups: the 4 and 8 cup sizes are very useful and inexpensive "pots" for a microwave. I use these for scrambled eggs, pudding, sauces, gravy, and candy making ($2-$5).

• A subscription to "The Microwave Times." This publication has good recipes and articles, a column on adapting recipes and many other features. It is my favorite microwave magazine. The current price of a one year subscription (six issues) is $8.95. Send check or money order to: The Microwave Times, Box 1271, Burnsville, Mn. 55337.

• RUBBERMAID has a nice line of white plastic microwave utensils that stack easily, and their lids are interchangeable. These are not safe for oven heat as are some other "plastic" utensils.

• CORNING has a new line of pyroceramic utensils, called "VISIONS." These clear brown glass pots can be used on a range burner, in an oven, or in a microwave. But you can't stack them for storage!

• The WEAR-EVER Company has some new "SilverStone lined glass cookware that is microsafe and much easier to clean than the plastic pans.

• ANCHOR-HOCKING has a new line of white, "SUPREME MICROWAVE," in addition to their greyish-tan "Microwave" line. Both are safe for oven heat up to 400° F. The Supreme microwave products are heavy so they will retain heat longer, and come with plastic refrigerator covers as well as the cooking lids.

• REGAL has a new line of "METALWAVE" cookware. These are metal and plastic utensils that are safe in a microwave. Foods cooked in these (a baker/fryer, steamer, grill, and egg cooker) are enclosed in the metal utensil and cooked by steam and conducted heat, not direct microwave cooking. These produce nice results and browned foods, but are expensive to buy (about $30-40 each).

From wooden or plastic spoons to turntables and fancy cookware sets... there's a microwave gift to fit your budget!

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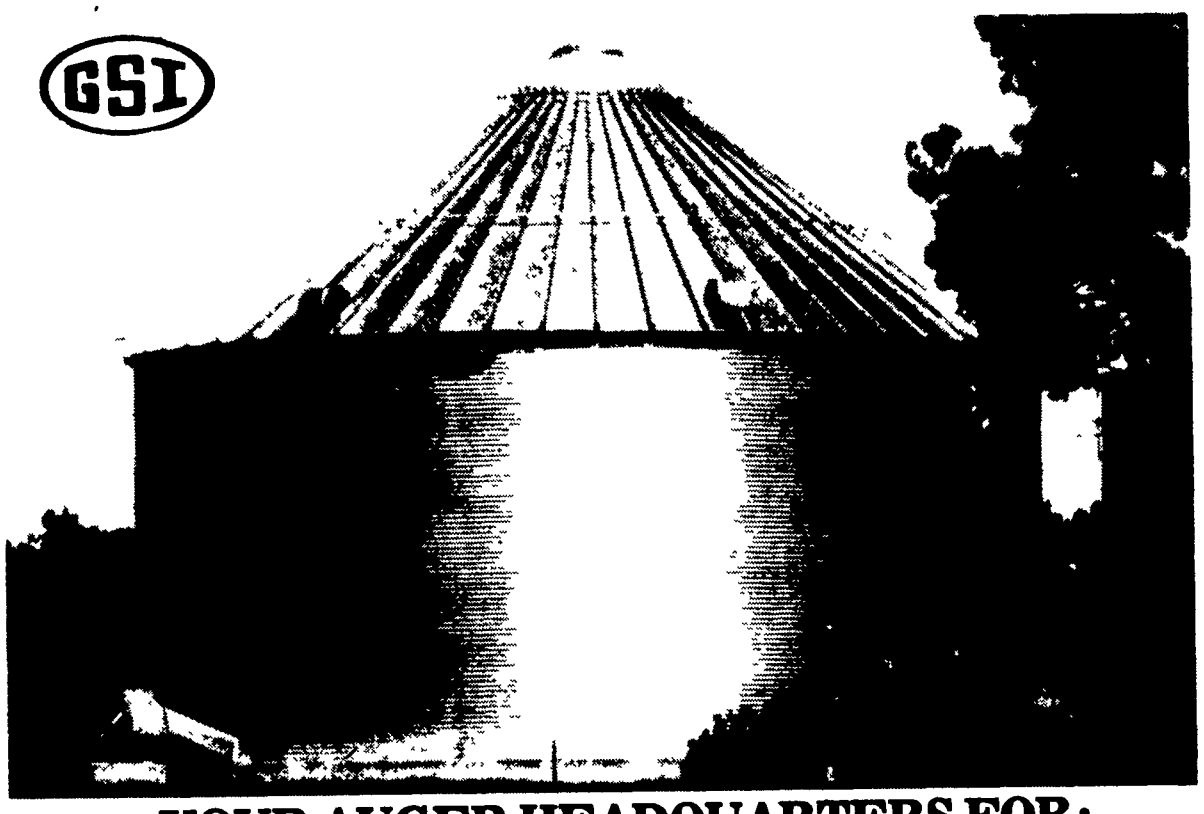

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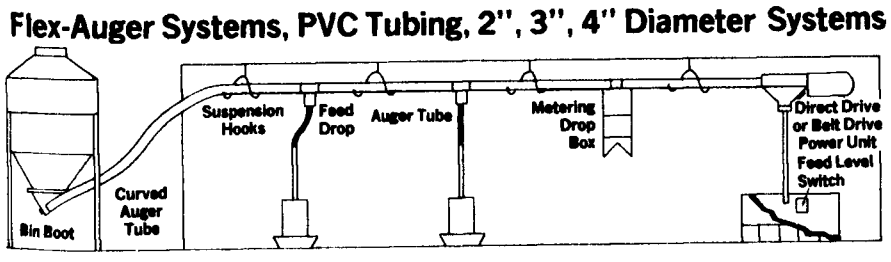

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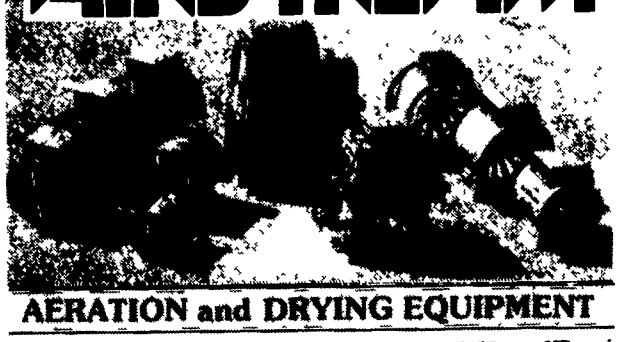

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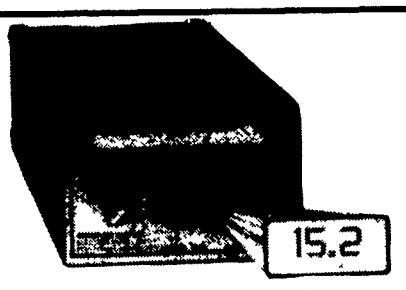

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4-H'er builds robot that can help handicapped

BY BARBARA RADER
Staff Correspondent

EVANS CITY — What stands 4 feet 9 inches tall, weights 110 pounds, moves forward, backward, left and right, has two independent arms, wrists and pinchers and is made from discarded materials?

Rotom — a robot that can hold round and square objects, serve a glass of water, water the flowers and walk the dog. The brain child of Evans City 4-H'er Christopher Rishack, Rotom was designed with the handicapped in mind. Nineteen-year-old Chris says he hoped to design and create a robot that could aid a handicapped person.

Rotom is the final product of Chris' 4-H activities, which started seven years ago when he joined the Dunbar 4-H Club at the age of 12. Chris' other 4-H projects have included poultry, handicrafts, entomology, home and garden and electical. However, his most important and productive project has been his self-determined project.

Chris' 4-H leaders Judy Marburger and Ina Mikalauskas encouraged him to pursue his self-determined project at the county, state and national levels. Devoted to his small community club, Chris has served as reporter, secretary, vice president and recently retired as president after four years in that office.

When deciding what to pursue for his self-determined project, Chris planned to do something that would help him obtain a scholarship. Deciding that his family would think his idea of creating a robot was crazy, Chris kept his plans to himself.

He started spending all his spare time the family's garage, leading the family to believe he was cleaning it, when he was really working on his first robot. His grandfather did have some insight into the project, but didn't think it would materialize.

A series of less successful robots preceded Rotom. His first ancestor was constructed of scrap material, as were the other five robots that followed Chris' first attempt. Robot number one was made of two by fours which were too heavy to move, a head, and one arm.

The second robot was again made with wood, but had no head. It did have an arm with fingers and a thumb that couldn't hold any objects and just wasn't practical. The other robots that followed all had imperfections, but led to the creation of Rotom.

Rotom, Chris' sixth robot, is unlike any of his predecesors. Chris used all "new" discarded parts when he created Rotom. He made Rotom from eight motors, six of which are government surplus and two of which are zerox motors from a copier. Chris derived the name Rotom for this sixth creation by spelling motor backwards.

Specially designed to have a vise-like grip in his pinchers, Rotom can hold objects as sensitive as an egg.

Chris' mother says: "He stayed in the garage in bad weather as it was winter, keeping warm with a camp heater while grinding down and polishing the arms and pinchers of Rotom."

Chris adds, "The wrists are real stable as they have an automatic safety control which prevents the crushing of an egg."

Rotom's body is made from two 25-gallon iodine containers from a dairy farm, the aluminum base from an industrial transformer, wheels from old lawn mowers, and coffee cans. Chris designed a mold to create the large bubble on top, while "Tupperware" can be found on the control box.

Before beginning work on the actual robot, Chris worked out his design with Legos. His mother says he has played with Legos and Lincoln Logs since he was five years old. Gears and mechanical things also fascinated him, she said.

In late December 1981 Rotom was finally designed and built in just two months. Using the knowledge gained from experimenting with the other robots, Chris built his most efficient and practical creation.

While working on Rotom, Chris focused his efforts on creating a helpmate for the handicapped. He wanted Rotom to be able to pick up a glass of water and serve it, pick a piece of paper off a table, and do other chores that the bedridden cannot. Rotom is now equipped to do all these things, and by changing his base, a robot could do jobs such as mowing the lawn.

"Safety is a major concern in the construction of a robot," Chris says. "Rotom is the only robot who has made it to the house and into mother's dining room! No other ones left the garage," he continues.

"Another main feature of Rotom is that he's peanut butter and jelly proof, as he can't be hurt and wipes off easily," Chris adds.

Rotom also has the ability to speak any word in the language with any accent, through a voice synthesizer. It is programmed through his stereo system with a computer amplified with the stereo system. Chris says the next step is to complete the computer control.

At the time of this interview, Rotom's voice synthesizer was in Pittsburgh, where Chris is attending the Pennsylvania Technical Institute.

After completing his training at the Technical Institute, Chris plans to return home to start "Rishack Robotics," where he will make robot kits using his own designs. He's hoping that his father will join him in a partnership. Presently, Chris is employed as a quality controller at the Marburger Dairy in Evans City.

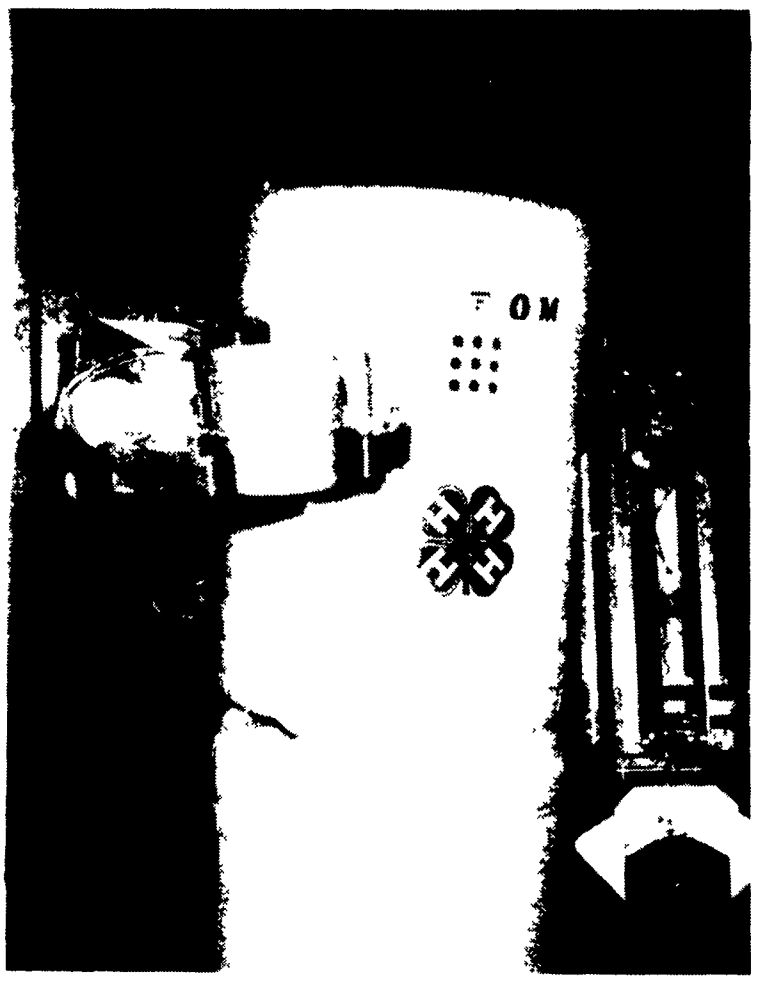
Rotom is Chris' first robot to be shown to the public, "but he will not be the last," Chris says. Chris, now known as the kid the robot brings, can certainly be proud of his accomplishments. In just over two years, he and Rotom have won well over 30 awards in local, regional, state and national competition.

Industrial engineering firms who sponsored some of these awards include Armoc, Inc.; Joy Manufacturing Co.; Fisher Scientific Co.; the University of Pittsburgh Engineering; Westinghouse Electric Corporation; and the American Socieity of Mechancial Engineers, Pittsburgh.

Chris has received congratulatory memos from the U.S. Senate and Westinghouse Corporation, his biggest sponsor in competitive events.

He was top among 300 entries on a research paper on the development and home applications of robots submitted to Washington D.C. in January 1984.

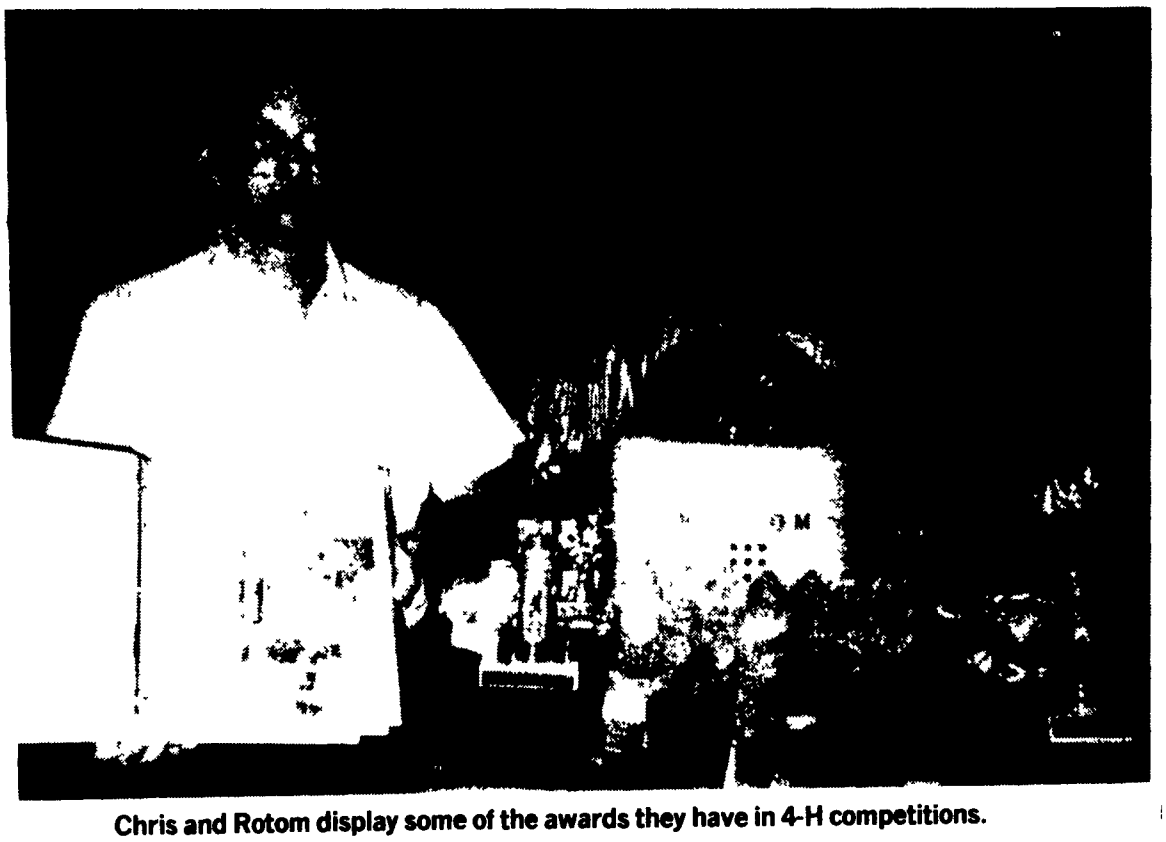
(Turn to Page B16)



Rotom demonstrates his ability to hold a coffee cup in his pinchers.

Chris operates Rotom's pinchers with a control panel.

Rotom's pinchers are so sensitive that he can hold a fragile egg without breaking it. Here, Chris shows how he uses a control box to remove the egg from Rotom's pinchers.



Chris and Rotom display some of the awards they have in 4-H competitions.

To crate an eye-catching country decoration try making a quilted tree of calico prints cut into triangles and stuffed with Polyfil. Triangles are sewn together in combinations of three, 16, 36, etc., to form a quilted tree as big as you want.

To begin cut a cardboard template from a triangle pattern given here. This pattern includes a 1/4-inch seam allowance around the entire triangle. If you wish to enlarge or reduce the size of your tree's quilted elements simply make your adjustments on a grid being sure to allow for the 1/4 inch for seams.

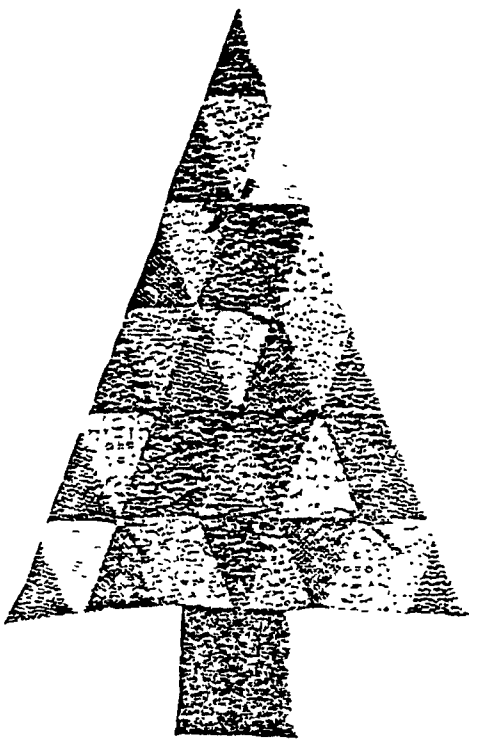
Cut 36 triangles using the template. Arrange all the triangles into a pleasing color scheme using rows of 1, 3, 5, 7, 9 and 11 triangles. Sew (leaving a 1/2-inch seam allowance) the bias edge of one triangle (base side down) to the bais edge of the next triangle (base down) until you have the bottom row of 11 triangles completed.

Repeat this procedure until you have completed a row of 9, 7, 5, 3 and 1 triangles. Iron each strip, pressing all seams to one side. Next, join the short side of the 11-piece strip to the long side of the 9-piece strip, and so on until the front side of your tree is complete except for the trunk.

Cut a 7 1/2-by-7 1/2-inch piece of brown fabric and attach it to the center of the 11-piece strip. Press. Using the completed front as a pattern, cut another single piece of fabric for the back, and two thicknesses of batting for the inside. With the front and back sides together (right sides together) place both layers of batting onto the wrong side of the back. Baste through all four layers leaving a 12-inch opening along one side for turning right side out. Stitch as basted. Turn right side out and slip stitch opening closed.

At intervals, tack through all layers and add ribbon bows, bits of tinsel, buttons or miniature Christmas balls. This is a very successful fund-raiser project and easily can be completed as a "mass production" bazaar item.

Materials for a quilted tree are: 2 pieces of Poly-fil batting measuring 36 by 25, thread 1 1/2 yards of 3/8-inch-wide ribbon, cardboard, 3/4 yard of fabric for back and truck, 18 assorted calico prints, or 13 each of any given three fabrics, measuring 7 by 7.



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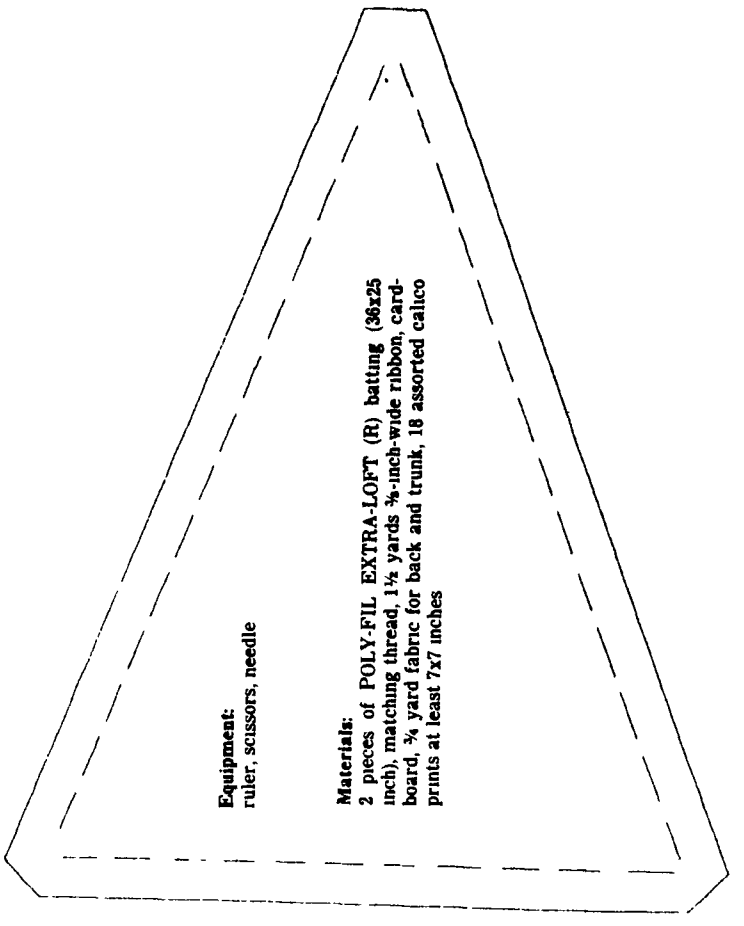
Equipment:
ruler, scissors, needle
Materials:
2 pieces of POLY-FIL EXTRA-LOFT (R) batting (36x25 inch), matching thread, 1½ yards ⅜-inch-wide ribbon, cardboard, ¾ yard fabric for back and trunk, 18 assorted calico prints at least 7x7 inches

COUNTRY CHRISTMAS — Template for a quilted Christmas tree Be sure to allow a ¼-inch piece of fabric all the way around for seam allowance

Make It Yours by Wendie R Blanchard

Jennifer Montgomery receives youth award

BUCKINGHAM — Jennifer M. Montgomery of the Buckingham 4-H Club was presented with the Bucks County Chamber of Commerce Quality Youth Award. Jennifer was noted for her host of activites which assisted others in the Bucks County 4-H programs.

Jennifer was one of seven Bucks County young citizens whose quality and good endeavors were cited as hallmarks in bringing a better understanding of the American way of life.

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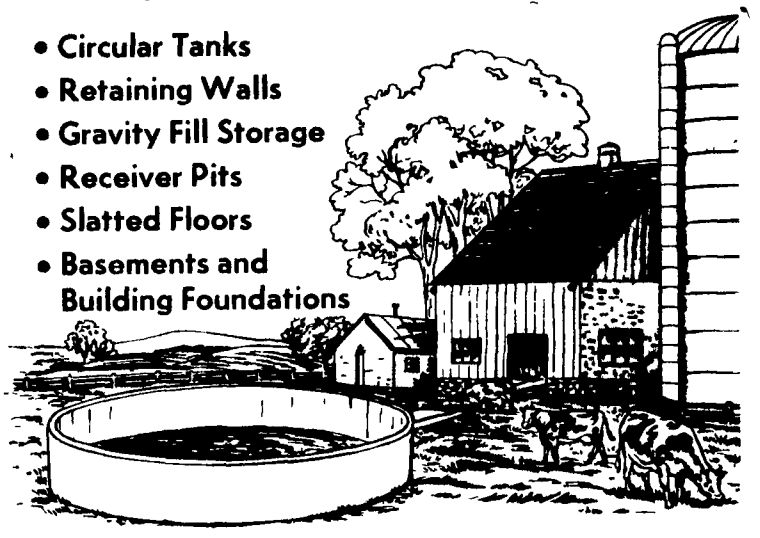

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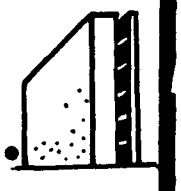

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Farm Women Societies

Berks Society 1

Berks Society 1 met recently at the home of Mrs. Ella Richard, Oley, for their November meeting.

Ron Garver, a representative and chemist with GPU explained nuclear energy and other energy alternatives to the group. A question and answer session followed.

The group is planning their Christmas party on Dec. 12 at the Washington Inn, New Berlinville. Many in the group also plan to attend the State Farm Women's Convention in Harrisburg on Jan. 14 and 15.

Fruit baskets and Christmas flowers will again be distributed to area shut-ins.

The next meeting will be a Christmas party on Dec. 12 at 7 p.m. at the Washington Inn, New Berlinville.

Berks Society 7

Joanne Dreibelbis showed slides of her trip to Europe at the meeting of Berks Society 7 held at Reeds Church, Stouchsburg.

Carolyn Feeg installed the new officers, who are: Dorothy Strickler, president; Joanne Dreibelbis, vice president; Betty Kissling, recording secretary, Grace Seidel, corresponding secretary, and Alberta Manbeck, treasurer.

The next meeting will be the family Christmas party on Dec. 8 at 7 p.m. at the Robesonia Borough Hall.

Berks Society 9

Berks Society 9 went to the 4-H building for the November meeting to attend the Christmas Craft Show. At the show the group learned how to make many of the crafts shown.

The December meeting will be a Christmas party with a family-style dinner and gift exchange. Husbands will attend the party and will also exchange gifts.

Lancaster Society 3

Linda Toledo hosted the November meeting of Lancaster Society 3 on Saturday at the home of her parents, Harold and Esther Stuber, Schoeneck.

The subject of the afternoon program by Paul Brubaker was, "In everything give thanks for this is the will of God concerning you." Brubaker sang a number of hymns.

During a business meeting conducted by president Doris Miller, the society contributed $200 to the Leukemia Society of America, Inc., Central Pa. Chapter.

Members will go Christmas caroling on Dec. 11, leaving the Cloister Restaurant at 6 p.m.

The state convention will be held at the Forum in Harrisburg on Jan. 14. President Doris Miller, Erla Gehman, Debbie Trayer and Mildred Pfautz will represent Society 3.

The Christmas meeting on Dec. 15 will be held at the Mt. Airy Fire Hall with Mary Lou Weaver and Pauline Martin, hostesses. Bring a $5 gift for the gift exchange.

Lancaster Society 8

Lancaster Society 8 met at the home of Kathy Vogt on Nov. 17 at 2 p.m.

Three visitors attended the meeting. Mrs. Randy Stark, Rheems, showed dolls from different periods that she has collected and restored.

Refreshments were served by hostesses Phyllis Endslow, Ruth Musser, Kathy Vogt and Hettie Ginder.

The Christmas party will be held at Hostetter's Banquet Hall on Dec. 5 at 6 p.m.

Lancaster Society 14

Lancaster Society 14 met at the Willow Street Mennonite Church on Nov. 14.

Extension home economist Michelle Rogers gave a presentation on the "1984 Market Basket." In her market basket she had several products and she gave some interesting facts about them. She also told about coupon saving and how shoppers can save by taking a list and following it closely.

A report was given on the County Convention which was held on Nov. 3.

The Christmas party will be held on Friday evening at 6:30 p.m. at Meadow Hills Dining House. Instead of bringing gifts, the group will send a gift of money to the drought stricken people in Ethiopia.

On Jan. 17 the society will go to Conestoga View. The state convention will be held on Jan. 14 and 15 in Harrisburg. The society will have some delegates attending.

Society 28

Lancaster Society 28 met on Nov. 15 at the home of Dorothy High.

President Beulah Landis asked for volunteers to attend the State Convention in January.

Two Thanksgiving boxes were packed for two needy families in the community.

A Harvest Sale was enjoyed by all the members.

Members and their husbands are going to Longwood Gardens on Dec. 2 to see the Christmas display. The group should gather at 2:30 p.m.

(Turn to Page B17)

4-H'er builds robot

(Continued from Page B14)

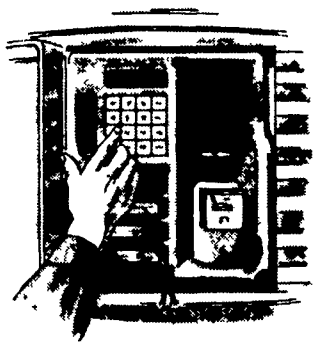
He took a second in 4-H at Richmond, Va., a first in demonstration and a third in overall placings at the Eastern Nationals this September. Chris has also captured the Butler County 4-H Outstanding Boy award for two consecutive years.

Chris recalls a humorous incident that occured during his trip to Penn State for 4-H demonstrations. With the help of the county agent, Chris made special arrangements with the bus company to transport Rotom to Penn State. Unfortunately, the bus company did not believe a robot was going on the trip, so they didn't make the arrangements necessary for Rotom's transportation. When Rotom arrived at the bus station, he got to ride on the front seat.

Transporting Rotom to various functions continues to be a problem for Chris since the family has only a compact car. Rotom must be dismantled into four sections to fit in the trunk of the car.

By now, Chris can put Rotom back together in about 10 or 15 minutes — providing he has the proper tools and all goes well.

Chris' 4-H career may not end here. He has been approached to start a project on computers and robots. He already has a good start, having begun writing a book to be titled "How to Build a Better Butler."



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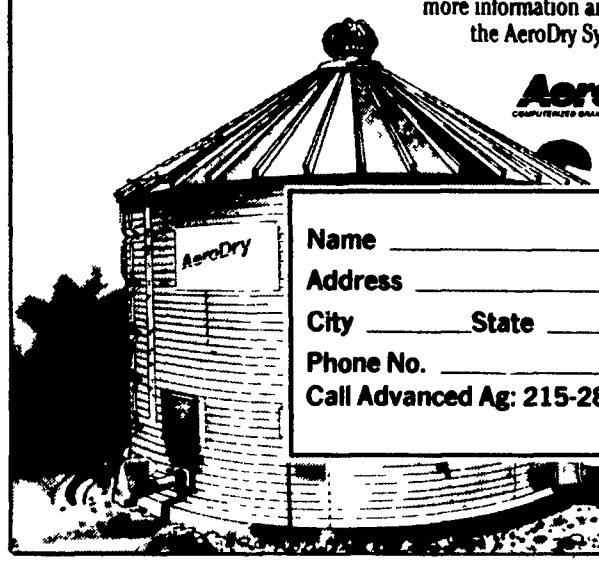

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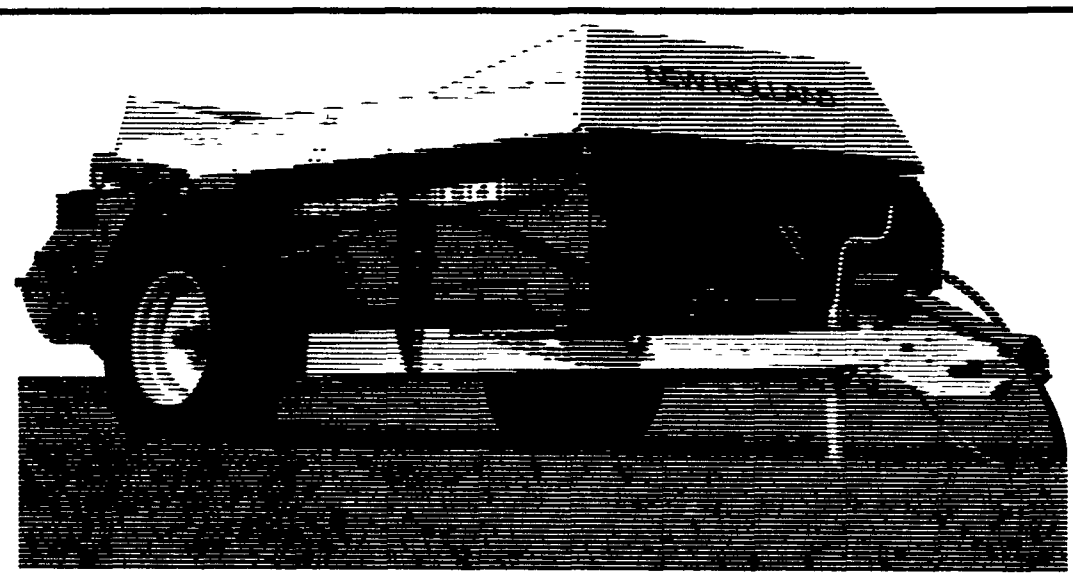

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F.W.S. Calendar

Saturday, December 1

Lancaster Society 6 meets at the Church of the Brethren to entertain family and friends. Christmas filmstrips to be shown — covered dish meal.

Lancaster Society 5 meets for a program on "Exercising with Jean."

Lancaster Society 1 meets for a talent program and a $4 gift exchange.

Lancaster Society 12 meets at 6:30 at the Millersville Lions Club for a covered dish Christmas party.

Sunday, December 2

Lancaster Society 28 meets to tour Longwood Gardens.

Tuesday, December 4

Lancaster Society 23 will meet for a Christmas party and to exchange small gifts.

Lancaster Society 35 meets for a Christmas party. Bring a $10 gift for your secret pal. The meeting will be held at 7:30 p.m. at the home of Kendy Rohrer, 508 Georgetown Road, Ronks.

Thursday, December 6

Lancaster Society 17 meets at 6:30 p.m. for a Christmas party at Rhoades Restaurant.

Friday, December 7

Lancaster Society 14 meets at Meadow Hills Dining House.

Saturday, December 8

Lancaster Society 7 will meet for a Christmas program with local talent.

Lancaster Society 2 meets for a fun and games program and cookie exchange — bring one dozen.

Lancaster Society 13 meets for a Christmas party at 6 p.m. at the Ronks Firehall. Convention delegates will be named.

Lancaster Society 25 meets at the Wengers at 6:30 p.m. for a covered dish family Christmas party. Program will be by Happy Hours Men Chorus.

Lancaster Society 34

(Continued from Page B16)

Members of Lancaster Society 34 met on Nov. 19 at the home of Pat Wood. A demonstration on lace net darning was given by Solanco Glass and Mirror after which each member made an ornament.

Corresponding secretary Marcia Harnish and treasurer Joetta Wolgemuth were installed as officers. Other officers were installed at the County Convention.

Cathy Smith won the chance off. The next meeting will be on Dec. 17 at the home of Cathy Smith. The program will be a Christmas party. Secret pals will be revealed and new ones will be drawn.

Give a cookbook this Christmas

WEST CHESTER — It's ironic. More meals are being eaten outside the home than ever before at a time when more men and women are interested in cooking creatively. Maybe people have more energy to whip up souffles, stir fry fresh vegetables or concoct a complicated casserole when they're in the kitchen three or four nights a week instead of seven.

Whatever the reason, cookbooks are being published and purchased at an amazing rate. Cooking for one or two, cooking for a crowd, vegetarian cooking, ethnic cooking, cooking for babies or even for the football team are but a few topics you'll find in today's cookbooks.

If you think a cookbook might be just the gift for someone on your list, Extension specialists at the Pennsylvania State University suggest you ask these questions to help you choose the right one.

•What are the individual's current cooking habits? Don't give a gourmet cookbook to a meat and potatoes cook. By the same token, a book of recipes requiring lots of convenience ingredients won't be appreciated by cooks who pride themselves on using only fresh foods.

•Does the cook have a piece of equipment such as a microwave oven, a food processor or a wok that isn't used very often? Consider giving a cookbook that focuses on the techniques of using it.

•Is the person on a special diet? Avoid the quick-answer fad diet books and ask your county Extension home economist or local dietician for a recommendation.

•What qualifications does the author of the cookbook have? Books written by teachers from well known cooking schools, reputable food writers and home economists as well as books sponsored by major magazines are usually well done.

•Does each receipe in the book give the yield or number of servings?

•Are the cooking time and temperature clearly stated? "Cook until done," for example, is only useful if some criteria for doneness is given.

•Are directions clear and complete? Read through a few recipes at random and see if you can visualize putting the ingredients together.

•Finally, do the recipes call for ingredients that are generally available in the cook's locale? An exotic cookbook is of little use if the spices and condiments called for are available only by mail order.

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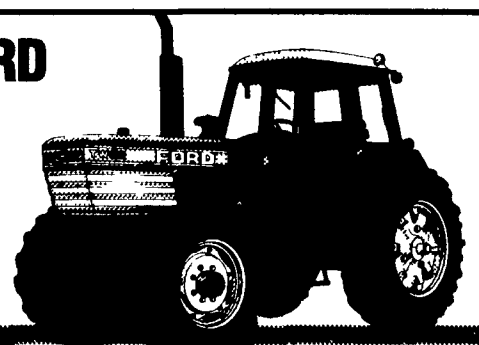

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Sally Shetter shows top capon at Adams Co. roundup

GETTYSBURG — The Cashtown Lions Club again hosted a record setting 4-H Capon Round-up. An average price of $5.70 per pound sets a record price for 4-H Capons in Adams County.

The grand champion was exhibited by Sally Shetter, Gettysburg, daughter of Mr. and Mrs. Edward Shetter. Sally is a first year capon project member. Her 9 3/4-pound capon was purchased by Sheriff Bernard Miller for $28.50 per pound.

The reserve champion capon was exhibited by Jenny Shetter also of Gettysburg. Her 10 pound capon was purchased also by the sheriff for $10 a pound.

John Bream, chaiman for this year's show and sale, reported five Adams County 4-H'ers participated in the Nineteenth 4-H Capon Round-up sponsored by the Cashtown Lions Club, the Adams County Poultry Association and the Adams County Cooperative Extension Service. Twenty capons weighing a total of 188 pounds were sold for $1,071. Bream added that the profit received by these junior executives from this 4-H Capon business is used as operating capital for next year's 4-H capon project and serves to help meet future educational expenses.

The members were judged on the Danish system by Dr. Paul Aho, poultry science department, Penn State University. The capons were evaluated on conformation, freedom from pin feathers, cuts, tears, and bruises packaging and dressing procedure. Members receiving blue merit ribbons for exhibiting superior quality capons were: Sally Shetter, Jenny Shetter, and Ken Shetter. Jacki King and Melinda Keller received red and white ribbons respectively.

The Adams County Poultry Association bought the trophies that were presented to the Champions and also purchased two capons to be donated to Green Acres for Thanksgiving.

The Gettysburg National Bank also purchased a capon and donated it to Green Acres.

Other buyers included: Gerald Keller, Biesecker Plumbing, Attorney Robert McQuaide, Walter Griest, Clark Spence, Bucher Meats, Bream's Orchard, Charles Chubb, Frantz Plumbing, and William Toeller.

Larry Peters, Biglerville, served as auctioneer for this record sale, donating his time.

4-H Capon project is one phase of the Adams County 4-H program.

Jenny and Sally Shetter, Gettysburg exhibited reserve and grand champion capons respectively. They are shown assisting Sheriff Bernard Miller, Gettysburg, with his purchase. Sheriff Miller purchased both reserve and grand champions at 4-H Capon Round-up.

Correspondence courses help pass winter evenings

UNIVERSITY PARK — The non-credit correspondence course office in the college of agriculture at Penn State continues of offer a large variety of courses.

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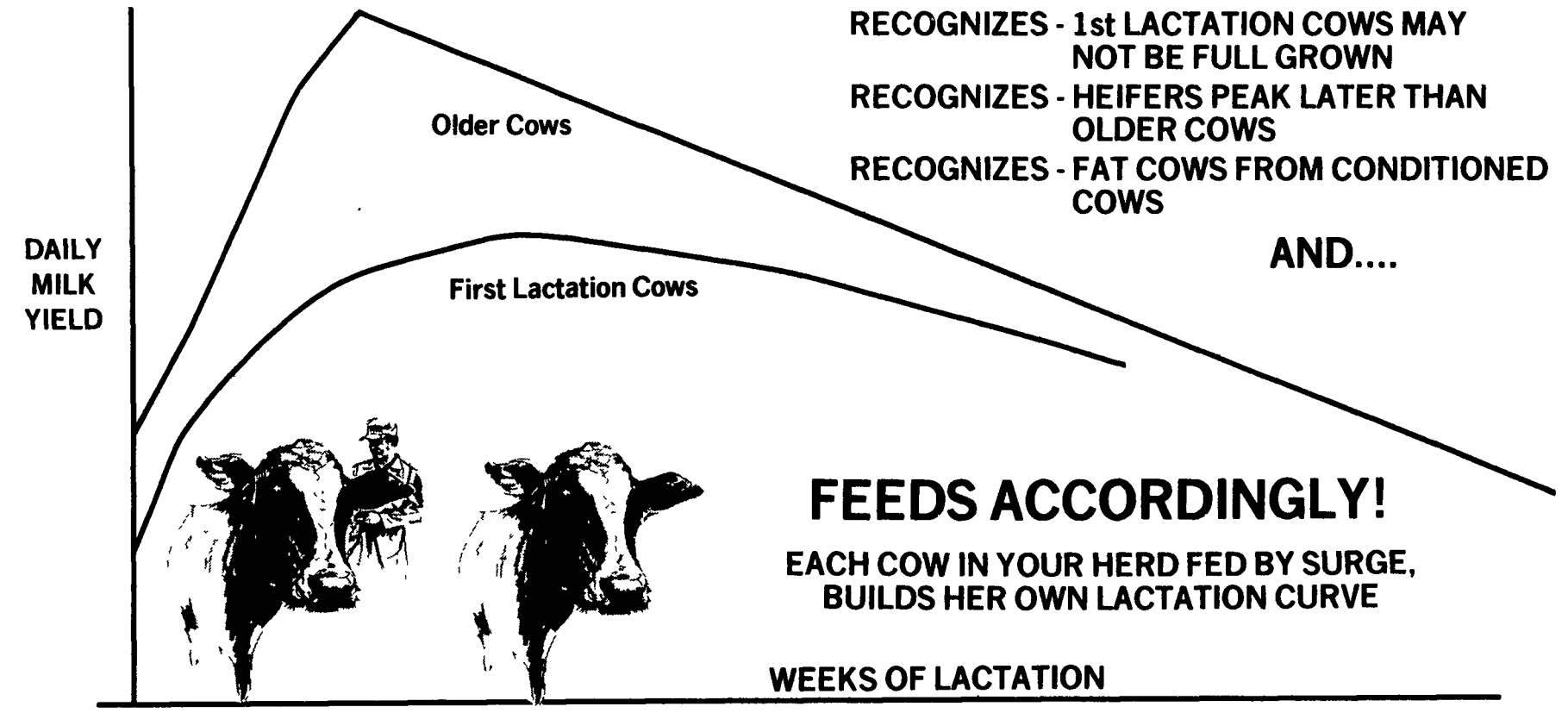

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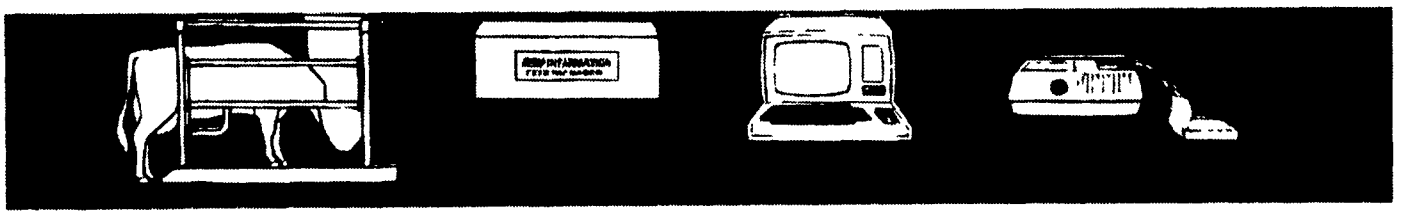

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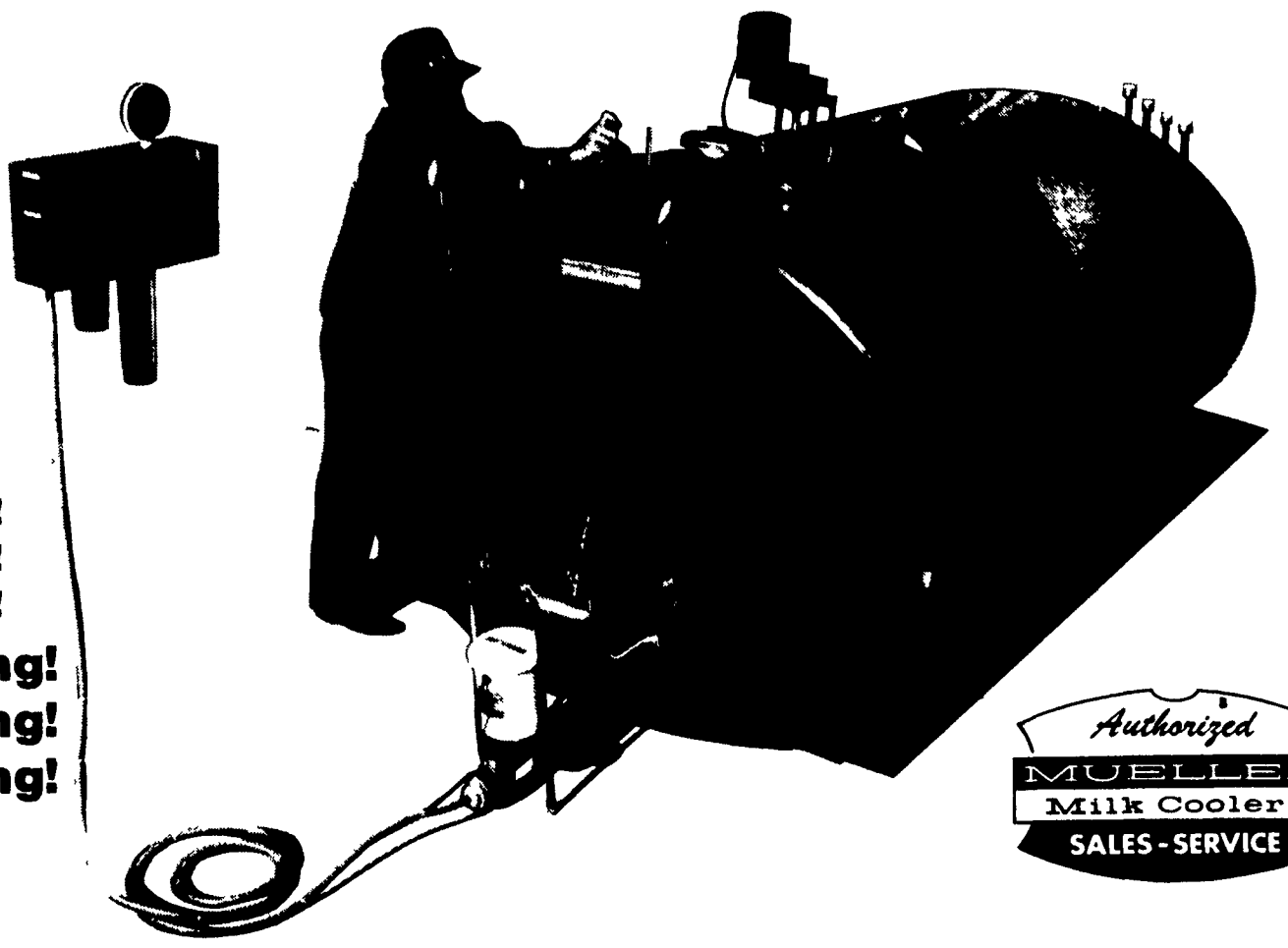

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Pa. youth win scholarships at National 4-H Congress

CHICAGO, Ill., — Three Pennsylvania teens received national 4-H scholarships during the 63rd National 4-H Congress held in Chicago this week.

Karen Leigh Bradshaw of Telford, was named one of six winners of national 4-H dairy goat scholarships. She received a $1,000 scholarship from the American Dairy Goat Association and Liberty Press, Inc.

Bradshaw, daughter of Mr. and Mrs. William J.Bradshaw, plans to attend college and major in nutrition and dietetics.

"I chose to major in nutrition and dietetics because of my interest in biology and home economics," she said. "The effect of food on the human body has become an important part of American life today."

A 4-H'er in Montgomery County, Bradshaw was a four-time winner in county 4-H fashion revue competition and took part in state competition. She won the dairy goat award and was president of a 4-H dairy goat group. Her other major 4-H projects include leadership, sewing, sheep and dog care and training.

In high school, Bradshaw was a member of the National Honor Society and the Student Government Association. She earned letters in cross county and field hockey. She also played rugby and was a member of the International Friendship Club.

Bradshaw also was a member of a clowning group that visited hospitals and nursing homes to cheer up residents. She and the other clowns raised $1,500 for the Sunshine Foundation, which helps terminally ill children.

Her hobbies include sewing, running, tennis, swimming, volleyball, gardening, raising animals and photography.

Kimberly Alane Bradshaw, Telford, received a national 4-H animal science scholarship. This 19-year-old coed was one of two young people to be presented with a $1,000 scholarship by Wayne Feed Division, Continental Grain Company.

The scholarships are awarded annually to present or former 4-H'ers who are college juniors majoring in animal science. Bradshaw, daughter of Mr. and Mr. William Bradshaw, attends Delaware Valley College of Science and Agriculture in Doylestown, Pa.

"I chose animal science because this field would be most rewarding to me," said Bradshaw. "I have been very active in the various 4-H animals groups and this has turned

Karen Bradshaw

my love for animals into a life-time career."

Bradshaw has been taking extra courses at college to become certified as a laboratory animal technologist. "I would like to become as knowledgeable in the field of animal science as I can," she says. "It will give me more versatility in the agriculture and agri-business fieeld."

An 11-year 4-H'er in Montgomery County, her major projects included dairy goats, sheep, clothing, knitting and crocheting. She was the county clothing winner three times and took part in regional competition. She also was named reserve grand champion of sheep fitting and showmanship at the county 4-H fair. She served as president of a 4-H dairy goat group.

In both high school and college, she has been active in running, softball and other sports. her hobbies include playing piano and guitar.

David C. Antram was named one of eight national winners in the 4-H automotive program. he received a $1,000 scholarship from The Firestone Trust Fund, the program sponsor.

Antram, son of Mr. and Mrs. Robert C. Antram, is a high school junior who plans a career in history and law. He is a nine-year 4-H'er.

The Somerset County youth worked for two years to fully restore a 1953 Kaiser. Kaiser-Frazer automobiles were built in this country between 1947 and 1955 and are becoming collector's items, he said.

Antram's Kaiser was restored in time to attend the Kaiser-Frazer owners Club national convention in Marquette, Michigan. "We drove the car to and from the session, a trip of some 1,200 miles," said Antram. "We made the trip without any major mishaps and

Kimberly Bradshaw

David Antram

once there the car took its place alongside others. Throughout the week, people stopped to look it over and ask questions." The car placed fourth in competition. "By checking ads and rumors, writing as many as 10 to 15 letters a month, and tracking down all leads, I've located close to 60 cars and many parts," Antram said.

One of the most desirable Kaiser-Frazer models is the Darrin, a fiberglass sports car that was produced at about the same time as the first Chevrolet Corvette. "Only 370 of these cars can be accounted for today, which doesn't leave many out there to find," said Antram. "I was able to locate one. It was in rough shape after sitting outside a number of years and having careless owners." Antram currently is restoring three other Kaisers in addition to the Darrin.

Antram also has been active in community service projects. He serves as cochairman of his county's K.I.S.S. (Kids is Safety Seats) program. He has travelled the state giving talks to adult and youth groups about child restraint laws.

Mike Marks tops Wayne Co. 4-H Capon Roundup

HONESDALE — Mike Marks, R1 Damascus and a member of the Windy Hill 4-H Club, had the grand champion exhibit of capons at the recent Wayne County 4-H Capon Round-up. Mike's two dressed capons weighed 8 3/4 and 9 pounds and received a scored of 18.5 points out of a possible 20 points from Doyle Thomas, Susquehanna County extension director and judge of the Wayne County 4-H Capon Round-up.

Keith Hauenstein, from Aldenville, a member of the Aldenville Adventurers 4-H Club, had the reserve grand champion exhibit of capons. Keith's two dressed 4-H capons weighed 8 3/4 and 9 pounds and received a score of 18 out of a possible 20 points.

Other results of the Wayne County 4-H Capon Round-up were:

Beginner's Division
Champion
Kara Reccelli (Calkins Ag.)
Beginner's Division
Reserve Champion
Christy Hauenstein (Aldenville Adventurers)
Junior Division
Champion
Keith Hauenstein (Aldenville Adventurers)
Junior Division
Reserve Champion
Matt Marks (Windy Hill)
Intermediate Division
Champion
Mike Marks (Windy Hill)
Intermediate Division
Reserve Champion
Tim Rhone (Wilderness Starcrafters)
Senior Division
Champion
Roy Rosengrant (Kountry Kids)
Senior Division
Reserve Champion
Pam Eisenhauer (Ledgedale)

The Wayne County 4-H Capon Round-up completed the 4-H capon project for 24 Wayne County 4-H members. These 4-H members managed and fed over 1,600 capons during 1984. These 4-H capons had a dressed meat production potential of over six tons of dressed capon meat.

The Wayne County 4-H Capon Round-up was sponsored by the Honesdale Rotary Club. The Honesdale Rotary Club also sponsored and supported the 4-H Capon Auction which was conducted by Jack Bunnell, Honesdale.

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Butler Co. 4-H dairy youth honored at annual banquet

BY BARBARA RADER
Staff Correspondent

CALLERY — Janelle Kennedy, Butler, and Janet Jones, Mars, received the highest awards at the Butler County 4-H Dairy Club's annual banquet on Nov. 15 at the Callery Firehall.

Janelle received the Outstanding Junior Member award, while Janet, in her last year of 4-H work, received the Senior award from leaders George Dean, Chicora, and Barbara Rader, Connoquenessing.

Youth competing for the year-end awards were judged on participation, activities, and leadership in the club and other outside activities, and on their project books.

Each of the girls received plaques sponsored by Farm Credit, Butler, and will have their names engraved on a permanent plaque at the Butler County Extension office.

President Jeff Kennedy, Butler, awarded this year's Friend of the Club award to Mrs. Curt Wible, Butler, for her dedicated service for leading her Girl Scout troop in supplying the materials and for making the grand champion banners for all breeds at the county round-up for the last two years.

The Wibles operate a registered Holstein dairy farm, along with Curt's father, William, and their five children. The two eldest children are members of the 4-H county club.

Amy Kline, Mars; Jason Kennedy, Butler; and Amber Leslie, Connoquenessing, each received the traditional 4-H mug as first year members, while five other members received trophies concluding their membership with the club. Honored were: Jeff Kennedy, president; Chuck Stephenson, Chicora, vice president; Janet Jones; Judy Beahm, Evans City; and Jackie Reno, Valencia.

The officers were also given pins for their service to the club. Along with Jeff and Chuck were Jill and Janelle Kennedy, secretary and treasurer, and Lona Rader, news reporter and historian, Connoquenessing.

Top project book awards went to Ryan Graham, Connoquenessing, and Tim Kellerman, Evans City, in the boy's competition. Janet Jones, Rachel and Judy Beahm and Janelle Kennedy won project book awards in the girl's competition.

Kellerman also won the award for the top project story written on his Jersey yearling heifer.

Members, families and friends enjoyed a slide presentation of members and their projects given by county agent Curt Hughes. John Simpson, Renfrew, provided additional entertainment by calling square dancing to conclude the year's festivities.

The club reconvenes in February to elect new officers.

Outstanding senior and junior members are congratulated by club leader George Dean. Janet Jones is at left and Janelle Kennedy is in the center.

President Jeff Kennedy awards the friend of 4-H county wide club award to Colleen Wible.

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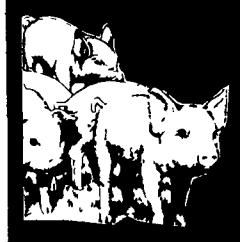

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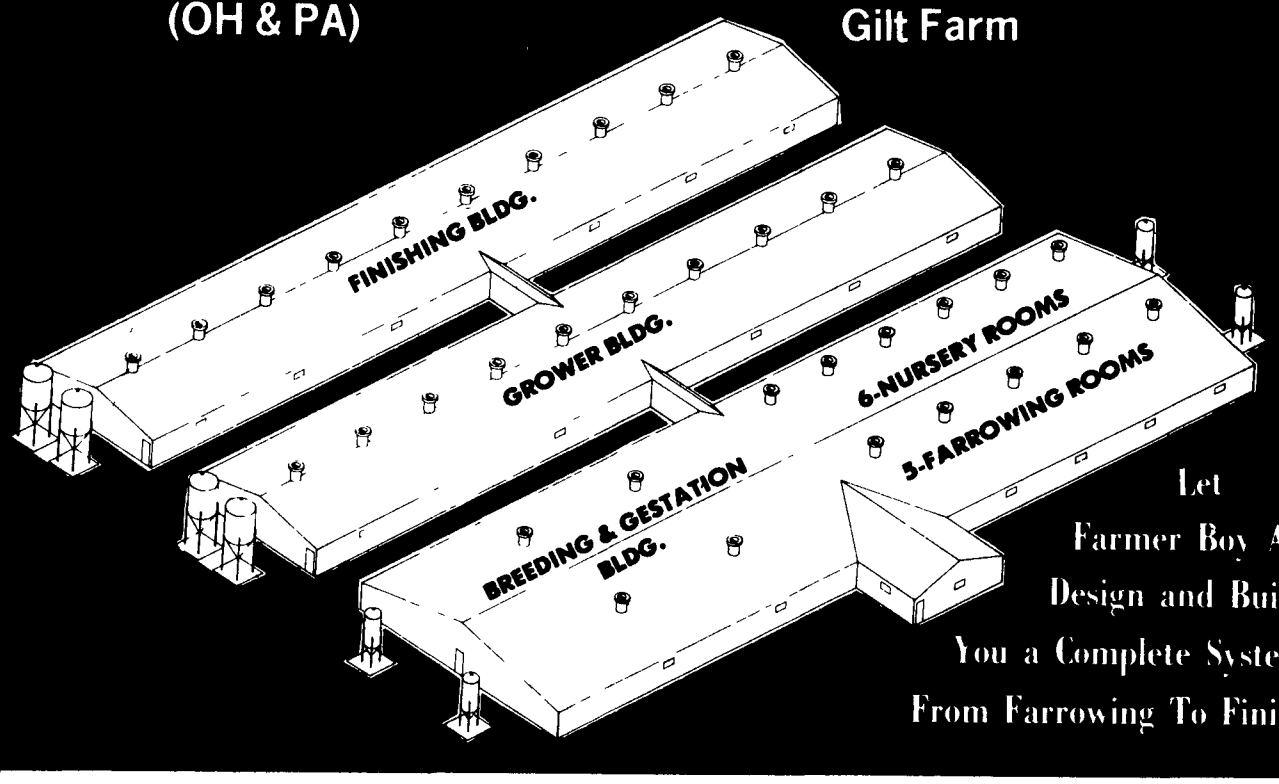

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Pa. legislator wins 4-H alumni award

Jess Stairs

CHICAGO, Ill. — Jess Stairs, a state legislator from Acme, Pa., has been named a national winner in the 4-H alumni recognition program.

He is one of eight former 4-H members who received the coveted Gold Key Award during the 63rd National 4-H Congress in Chicago, Nov. 25-29. The awards are presented by Friends of Kenneth H. Anderson.

Stairs was a 4-H member in Westmoreland County, Pa., for 10 years. He served as president of the county 4-H council, and was an International Four-H Youth Exchange delegate to India in 1964. Stairs also was a member of the Westmoreland County dairy judging team for five years, and an advisor to the state leadership school.

A graduate of The Pennsylvania State University, Stairs holds a bachelor's degree in dairy science and a master's in guidance counseling. He has been a member of the State House of Representatives since 1976. Stairs also operates the family dairy and livestock farm, where he still lives. His interest in agriculture has brought him many honors, including participation in a Rotary Group Study Exchange Program with Australia in 1973.

4-H not only influenced his choice of college major–dairy science–but also his farming career. As a legislator, Stairs has hosted many 4-H'ers at the annual State Capital Days, and encouraged his own children with their 4-H projects.

He is married to the former Joan McQuaide and they have two children.

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Chester Co. honors 4-H dairy club members

ATGLEN — Chester County 4-H Dairy Clubs held their annual awards banquet on Saturday, Nov. 17, at the West Fallowfield Christian School near Atglen.

After a fine dinner was served, Susan Hostetter delivered some enthusiastic comments about her efforts in milk and dairy products promotion. Wayne Reisler, of Oxford, the evening's emcee, then recognized the time and effort that the dairy club leaders give every year to see the 4-H dairy programs succeed. Reisler also recognized the many sponsors who donated their time, facilities and financial support to help the 4-H Dairy program in the county.

Chester County dairy agent, David Swartz, stressed that a person's 4-H dairy experience should include much more than showing and fitting skills. Swartz challenged each club to have interesting educational meetings to increase each member's knowledge of dairy husbandry and production. Swartz commended the leaders for strong, active involvement with their clubs and said he was pleased with the overall vitality of the Chester County program.

One indication of a strong county program Swartz said, is the outstanding job the dairy judging team did this past year. The team placed third at 4-H State Days, and second at the All-American Dairy Judging Forum. Helen McCahon, of Downingtown, a member of the Chester County team, excelled at state competition and accompanied the Pennsylvania team to Madison, Wis. for national competition.

Swartz then presented the awards for the past year's projects. The grand champion Ayrshire trophy went to Charles Young, of West Grove, while the reserve grand champion Ayrshire trophy went to Melissa Edwards of West Grove.

Noel Scherly, of Phoenixville, received a trophy for both grand and reserve grand champion guernsey.

Michael Hohl of Morgantown received a trophy for his grand champion Holstein. This three-year-old animal, Glen-moore Sexation Bo also earned him the Holstein Milk Production Award with a 305-2X-MG of 23,443 pounds milk and 877 of fat. The reserve grand champion trophy went to Phillip Stoltzfus of Morgantown.

The grand champion Jersey trophy was awarded to Anna Uhlman of West Chester. Helen McCahon received the reserve grand champion Jersey trophy for her Top-O-Hill Special Starlite. This animal also won the Jersey Milk Production Award with a 305-2X-ME of 11,211 pounds of milk and 531 pounds fat.

Andrew Mast of Elverson and Megan Burnett of West Chester received first year fitter champion and reserve champion respectively. Daniel Horning of Morgantown claimed his trophy for champion first year showman and Tiffany Parry of Oxford received her reserve champion first year showman. Lauri Hicks of West Chester was awarded the junior champion showman-fitter and reserve champion junior showman fitter trophy went to Kelly Huzzard of Spring City. Senior champion showman-fitter trophy went to Anna Uhlman while Rodney Griest of Coatesville was awarded the trophy for reserve grand champion senior showman-fitter.

The Chester County herd production and 4-H Dairy Herdsman Award went to Glenn Stoltzfus of Morgantown.

Swartz then awarded achievement trophies to the following individuals for superior project book work. Michael Hohl of Morgantown, Dwight Stoltzfus of Morgantown, Daniel Horning of Morgantown, Anna Uhlman of West chester, Megan Burnett of West Chester, Matthew Edwards of West Grove, Melissa Edwards of West Grove, Wayne Reisler of Oxford, Tiffany Parry of Oxford, Beth Jenkins of Toughkenamon and Lynn Huzzard of Srping City.

After the awards were presented, the Tri-Community Dairy Club staged an entertaining and very professional puppet show. Tri-Community club also provided table centerpieces which were awarded to each volunteer leader and dairy judging team coaches.

In his closing remarks, Chester County Dairy Agent, David Swartz, thanked the Oxford and Tri-Community Dairy Clubs for arranging such a fine annual awards banquet, and encouraged all 4-H members to continue their active participation in their respective dairy clubs.

Children need to learn to give as well as receive gifts

MEDIA — Boys and girls enjoy holidays, birthdays and other gift occasions. From an early age they are active gift receivers, enjoying the anticipation as well as the gifts themselves. They enjoy being asked to specify particular items they'd like and to make Christmas lists and birthday lists.

However, children need to experience gift giving too, says extension home economist Greta C. Vairo. Even preschoolers can participate in planning, making and shopping for gifts for family and friends. They need to learn why gifts are given.

Well-planned gift giving can be an enjoyable learning experience for parents and children. Planning is the key. You need time if you want to include children in the process. A last minute rush to the stores to purchase a list of items won't do the trick.

The children can be involved in planning what would be just the right present for grandmother. They enjoy helping dad decide what to give mother, especially when they get to go on a shopping trip with him for the special gift. Older children can do their shopping in a semi-supervised way. One possibility is a family outing that includes lunch, or a snack in a restaurant. After eating, the family can break into groups to shop for each other. These groups can be re-formed until each child has shopped for parents, brothers and sisters.

Wrapping gifts can be fun too, with "secret" sessions going on in different corners of the home as surprises are readied by children who are givers as well as receivers.

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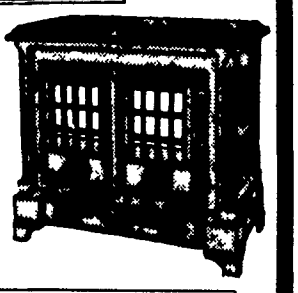
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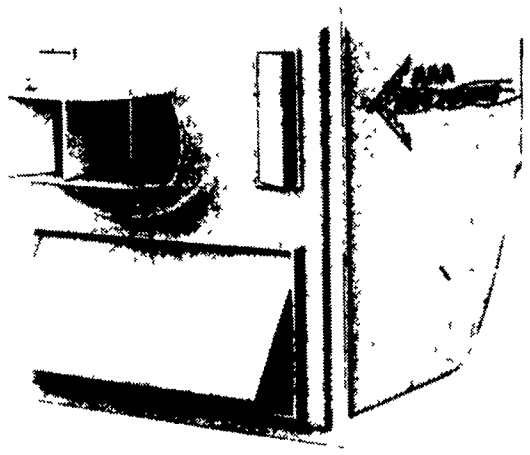
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York County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

October, 1984

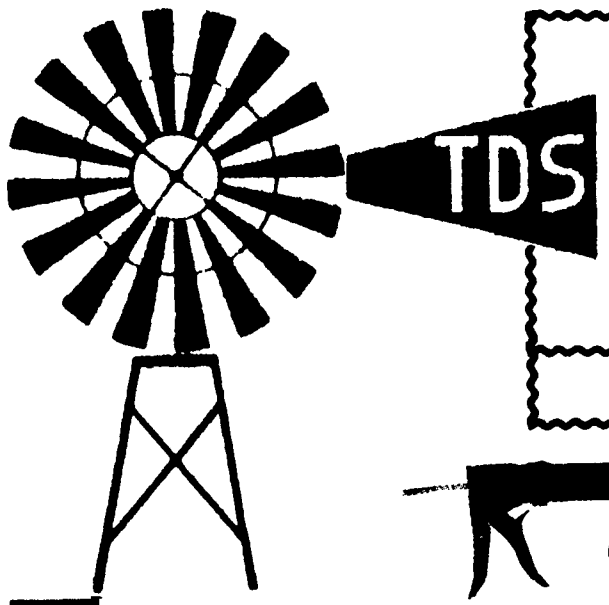
1086 lbs BF and 29,999 lbs. milk were produced in 305 days by Jan, a 6-year-old Holstein owned by Stump Acres, York Second high was #5, a 5-year-old Holstein who produced 1034 lbs BF and 26,609 lbs. milk in 305 days, owned by Fawn Meadow Holstein, Fawn Grove.

High herd was Lynn Wolf, Abbottstown, with 70 Holstein cows producing 20,512 lbs milk and 776 lbs. BF Second high was HS & RE Fetrow, York with 80 Holstein cows producing 19,761 lbs milk and 763 lbs. BF

NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS. MILK	LBS. FAT
Lynn Wolf	3	70 3	89 4	20,512	776
H S & R E Fetrow	3	80 1	87 5	19,761	763
Stump Acres	3	96 0	90.6	18,753	755
Thomas A Boyer	3	43 5	85.1	20,022	745
McRal Dairy Farm	B3	172 3	90.1	18,626	735
Smysers Richlawn Fms	3	78 2	84.9	19,821	733
Sinking Spring Fminc	3	65.1	86.0	19,246	725
Beshore Farms	3	43 9	86.2	19,371	706
Leonard Greek	3	17 7	94 6	19,038	706
Paul R King	3	53.0	86 9	17,627	695
David Stewart	3	110.4	91.7	18,268	676
Wayne E Myers	3	47 9	83.8	17,397	673
Rineway Dairy Farm	B3	88 3	87.3	17,212	667
Mervin W Hertzler	2	61.8	89 0	13,865	665
J&H McCaffree	3	39.9	82.2	17,852	*665
Fawn Mdw Holstein	B3	70 5	86 9	17,599	664
Geo Knight	3	139.5	87 7	17,077	656
Wayne B Mummert	B3	73 9	85 1	17,834	653
Rodman C Thompson	3	70.0	84 4	17,032	648
RR & MR Stewart	3	60 0	88 0	18,950	643
Earl Fuhrman	3	85 9	87.1	16,887	642
Walnut Hill Farm	B3	46 4	85.6	17,271	637
B Robert Charles	3	46.6	83 3	17,339	636
Big T Holsteins	B3	88 9	86 2	17,374	636
Double D Farm	B3	102.2	86.9	16,667	636
Rick L Cook	B3	67 2	85 4	16,529	634
Edwin L Calhoun	B3	45 4	88.0	16,793	632
Leaspring Farm	3	48 0	82.5	17,455	627
Melvin R Lehr	B3	52 1	83.5	17,030	626
David & Chris Druck	B3	70.9	82 1	18,326	625
Willam Ruppert	B3	51 4	86 6	17,678	624
William Myers	B3	44 7	85.7	17,066	622
Daryl L Bair	B3	34 8	82 8	17,821	622
Phillip Laughman	3	25.6	85.1	16,773	616
Walkers Farm	B3	72.0	88 3	16,420	613
Ellis Crowl	B3	84 4	88.1	16,148	609
Dan&Patti Hushon	B3	34 6	87 1	16,268	607
J Donnell Taylor	B3	114 2	87.5	16,574	603
Elvin G Molison	B3	147 8	82 0	16,039	603
JH & MB Hushon	B3	88.9	88.2	15,594	599
Leroy Bupp	3	104.9	87.1	16,846	599
Smokey Hollow Farm	G3	38 8	87.3	16,280	597
John C Krone	B3	43.3	87.7	16,191	589
Leroy Hertzler	B3	33.2	84.2	15,333	586
Claude Holmes Jr	3	65 6	86.6	15,246	585
Robert W Mays	B3	64 4	86 4	16,225	583
Walter L Amstutz	B3	43.9	83 9	16,498	580
Hidden Springs Farm	B8	105 9	85 6	14,445	580
Robert E Morris	B3	35.6	89.3	16,014	579
Dennis J Myers	3	52 3	86.7	16,531	579
D & R Burchett	B3	100.9	86.5	16,127	579
Eisenhart Bros	B3	87 7	87.6	15.377	578
Robt Baumgardner Jr	B3	59.0	87 2	16,021	578
Gum Tree Farm	3	42.4	88 7	16,151	577
Rutter Bros	2	81 6	87.4	11,631	574
G Innerst & Sons	B3	71 2	86 5	15,796	571
Albert Dehoff	B3	152 0	87 3	15,408	570
Kenneth L Rexroth	B3	138.9	86 9	14,758	568
Lonnie Robinson	B3	41 3	88.2	14,968	564
Harold Brown	3	65 2	84.8	15,330	562
T Edwin Johnson	3	61 9	84.4	14,472	560
Titus Walker	G8	34 4	85.0	14,808	559
R & M Farms	G3	46 8	86.3	14,508	559
Kurt D Pealer	B3	28 2	96 2	15,697	558
Gary W Thoman	3	47 7	87.3	15,211	555
Wayshar Farm	B3	96 3	86.6	14,391	553
John P Bortner	B3	30 0	87 1	14,883	551
Keith A Shaffer	3	45 4	87 8	14,254	551

OWNER /NAME OR NO.	BREED	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Geo Knight						
Diane	3	9-2	305	21,696	3 6	772
ET28	3	5-5	305	19,984	3 4	673
ET-52	3	4-11	305	20,861	3 8	784
ET-85	3	4-2	305	19,809	3.7	730
ET-136	3	3-2	305	17,812	3.8	675
24	3	2-1	305	17,222	4 0	692
William H Fantom						
Jewel	3	4-3	305	17,575	4 8	849
Patsy	3	3-2	305	17,811	4 1	733
Donald Lanius						
Maud	2	6-5	305	13,482	5 3	709
Dawn	2	4-8	305	12,500	5.7	707
Beshore Farms						
Angel	3	6-7	305	29,896	2 8	842
Amarilo	3	3-0	305	22,881	3 1	712
Harold Brown						
Korine	3	6-5	305	17,923	4.5	808
Gum Tree Farm						
Frisky	3	3-1	305	19,003	3 6	687
Elwood T Krick						
Dawn	3	7-0	305	18,226	4 2	770
Buttons	3	4-9	305	16,814	4 0	669
Rodman C Thompson						
*Betty	3	6-6	305	24,878	3 3	818
Lois	3	3-5	299	17,980	4 0	726
Frost	3	3-5	305	16,804	4 3	715
Stump Acres						
Jan	3	6-5	305	29,999	3 6	1086
Friday	3	4-0	302	17,203	4.2	728
Eve	3	2-11	305	20,493	3.3	677
Lisa	3	2-11	305	20,427	4.1	839
Ivy	3	2-7	305	18,119	4.0	723
Jetfair	3	1-11	305	20,185	3.8	770
Adeline	3	2-1	305	15,666	4 2	655
Rineway Dairy Farm						
178	3	8-1	305	22,934	3.2	726
189	3	7-4	305	23,010	3.8	863
232	3	5-3	305	21,813	4.2	914
274	3	4-0	295	20,075	3.9	776
276	3	4-4	305	21,622	3.7	808
313	3	2-11	305	19,262	3.9	760
R R & M R Stewart						
Peaches	3	7-11	305	22,053	3.8	829
Rachele	3	4-11	305	25,048	3 5	869
Smysers Richlawn Fms						
Fanny	3	8-7	305	25,937	3 4	894
Deb	3	6-1	305	25,614	3.4	876
Sharon	3	5-8	223	17,880	3.8	685
T Edwin Johnson						
Dee	3	7-4	305	16,799	4.4	747
Sunset	3	4-9	305	19,924	3.8	749
Leroy Bupp						
Kay	3	3-7	305	20,520	3 2	658
Barb	3	2-9	305	20,765	3.7	772
Hidden Springs Farm						
Laurel	3	8-10	305	19,072	4.1	776
Robina	3	6-0	291	17,075	3.9	661
Dapple	3	3-1	305	17,154	4.2	718
Dennis L McWilliams						
103	3	6-4	305	16,089	4.2	669
Palmer McWilliams Jr						
26	3	4-1	305	19,481	3 7	716
Dennis J Myers						
Spot	3	6-3	305	20,789	3.3	686
Jeffrey D Stambaugh						
Jolly	3	5-3	305	17,283	3.9	673
Paul R King						
Venus	3	3-10	305	18,568	4 1	762
Wayne B Mummert						
61	3	6-1	300	19,118	3.8	724
52	3	4-4	297	19,137	3.9	747
27	3	4-1	297	20,389	4.2	851
55	3	4-1	305	20,286	3 6	723
Desota & Robt Burchett						
44	3	5-8	305	23,442	3.2	760
41	3	3-9	305	18,594	3.8	713
31	3	2-9	305	20,591	3 6	743
Dale & Darla Doll						
Ruby	3	9-0	305	18,498	4.0	748
Violet	3	4-0	305	15,614	4 4	685
Lynn Wolf						
Ginny	3	7-2	305	22,311	3 5	790
Jackie	3	4-10	305	20,350	4 2	862
Kiwi	3	3-3	292	22,589	3 6	820
Lita	3	2-10	305	20,477	3.7	755
Minnie	3	2-11	288	17,291	4 1	705
Kate-2	3	6-4	305	18,436	4.0	734
Lana	3	1-11	305	19,210	3 6	699
John H Doll Jr						
Lee	3	7-1	305	21,746	3 2	706
Wayshar Farm						
Jenny11	3	3-11	305	18,608	3 7	681
BJ	3	3-5	305	19,704	4 0	785
Little	3	3-3	305	16,926	4.1	687
17Anna	3	6-1	305	21,020	3.6	752
Rick L Cook						
Perform	3	5-9	305	22,657	3 8	857
Syoney	3	5-1	305	19,322	4 5	871
Fonda	3	4-5	289	18,193	3 9	718
J Donnell Taylor						
Nina	3	5-7	305	19,388	3 6	697
Elvin G Molison						
94	3	8-2	305	18,233	3 7	675
53	3	6-11	254	17,521	3.9	675
112	3	5-8	292	16,340	4 1	669
188	3	3-8	305	16,847	4 1	684
Daryl L Bair						
Marlene	3	3-6	281	19,078	4 1	783

(Turn to Page B26)



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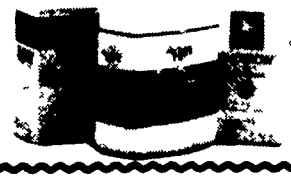

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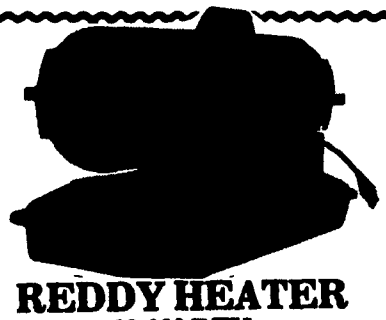

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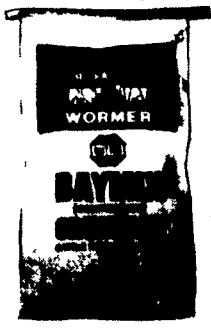

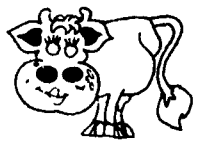

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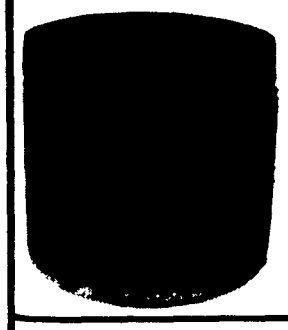

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(Continued from Page B25)

John D Adams						
58	3	9-6	274	16,230	4 0	656
Mervin W Hertzler						
Annie	2	7-10	305	16,625	4 3	710
Sadie	2	5-11	305	14,293	4 8	680
Carolin	2	5-6	305	18,890	4 5	844
Marsha	2	4-10	305	14,747	4 7	693
Paige	2	3-2	305	15,632	5 1	794
Jacquel	2	3-1	305	13,331	5 0	660
Gary W Thoman						
Jody	3	5-7	305	19,745	3 9	761
Ethyl	3	4-6	305	18,142	4 0	727
Robbie	3	2-2	305	17,201	3 8	646
Circle Creek Hol						
Fanny	3	7-11	305	19,777	4 1	820
David L & Chris Druck						
118	3	3-9	305	21,652	3 2	698
144	3	3-2	305	21,176	3 2	669
Robt Baumgardner Jr						
Sheriff	3	6-6	277	20,393	3 4	702
65	3	5-2	266	16,245	4 1	658
Charles Hess						
9	3	7-1	305	18,708	4 3	806
Walkers Farm						
122	3	3-5	305	20,221	3 5	708
459	3	0-0	305	19,299	3 8	731
William Druck Jr						
88	3	6-0	305	21,758	3 2	702
David Stewart						
Fay	3	13-10	305	24,438	3 6	875
Bridget	3	8-10	305	23,933	3 6	855
Fiona	3	7-5	250	19,382	3 7	709
Mazie85	3	7-1	305	21,537	3 4	730
Pretty	3	4-10	305	18,830	4 0	748
Fawn Meadow Holstein						
66	3	5-1	305	22,331	3 6	793
5	3	5-3	305	26,609	3 9	1034
31	3	3-1	305	18,703	3 8	716
My-T Farms						
16	3	8-1	305	16,644	4 1	684
David Gemmill						
732	8	0-0	305	17,743	4 1	730
138	3	4-0	305	17,570	3 7	651
Double D Farm						
D-144	3	0-0	281	20,801	3 9	815
Deal Holsteins Farm						
82	3	6-0	305	20,560	3 8	771
89	3	6-0	305	23,279	3 6	831
113	3	0-0	305	19,808	3 7	728
Cool Branch Farm						
Crazy	3	8-1	305	20,206	3 5	716
Keith A Shaffer						
Olivia	3	5-5	305	18,343	3 7	676
George Innerst & Sons						
8	3	4-2	305	17,849	3 8	682
Walter L Amstutz						
Jolly	3	4-5	305	21,095	3 3	700
William Myers						
Bonny	3	8-8	305	20,627	3 8	786
Candy	3	5-4	305	23,118	3 2	733
Jessie	3	2-10	305	18,847	3 7	692
Dan & Patti Hushon						
Koral	3	5-5	305	22,784	3 2	720
Claude Holmes Jr						
Wella	3	3-4	305	18,111	4 0	729
Frostin	3	3-2	305	18,004	3 6	656
Lakris	3	2-3	304	17,385	4 3	754
David M Emig						
3	3	8-7	305	20,459	3 7	760
McRal Dairy Farm						
406	3	8-3	305	21,751	3 1	671
137	3	5-0	305	18,789	3.6	683
188	3	4-4	305	18,924	4 4	839
206	3	4-0	305	18,886	4 0	751
DPuty61	3	3-8	305	21,775	3 1	684
217	3	3-6	305	18,642	4 4	813
401	3	2-5	305	22,881	3 5	809
404	3	2-3	302	17,932	3 8	677
405	3	2-4	305	18,286	3 9	710
407	3	1-11	305	15,202	4 5	682
415	3	2-0	298	13,798	4 8	668
William Ruppert						
Fanny	3	6-4	305	20,279	3 3	670
Millie	3	7 1	305	19,924	3 4	682
Eisenhart Bros						
301	3	5-1	305	19,082	3 7	714
Wayne E Myers						
Julie	3	8-8	305	19,425	4.3	836
Joy	3	9-3	305	22,846	4 0	[illegible]
Canary	3	5-0	305	21,083	4.1	864
Marvel	3	4-8	305	19,905	4 6	924
Stella	3	5-0	305	20,427	4 3	879
Jewel	3	4-1	305	21,175	3 2	675

Know your consumer rights when mail order shopping

COLLEGE PARK, Md. — Somewhere Scrooge must be smiling.

Each year approximately 15 percent of the Christmas gifts that shoppers order by mail arrive after the holidays, according to the Federal Trade Commission.

To protect yourself against delayed deliveries, consumer expert Mary Stephenson, a family financial specialist with the University of Maryland Cooperative Extension Service, recommends these tips:

—Deal with reliable firms. When in doubt, check with the Better Business Bureau or the Direct Marketing Association (DMA). A trade association of 2,800 companies in the mail order business, the DMA is located at 6 East 43 St., New York, NY 10017.

—Clearly mark your name and address on the order form. Illegible handwriting accounts for more than 20 percent of mail delays. Also, pay by money order, check, or credit card, so you have a record. Never send cash.

If, despite these precautions your gifts still arrive late, you do have recourse under the law, says Stephenson. Among the protections now afforded to consumers ordering merchandise from the $40-billion-a-year mail order industry:

—The seller must ship your order by the date advertised. If no date is specified in the sales material, the company must ship the goods within 30 days after receiving the order.

—In case of a delay, the seller must notify you and give you the option of canceling the order. If you decide to cancel, you are entitled to a full refund.

—The seller must mail your refund within seven business days if you cancel because of a shipping delay. On a credit sale the company must adjust your account within one billing cycle.

None of these delivery rules, however, apply when you place an order by telephone, warns Stephenson–unless you pay by mail. If the merchandise you want is advertised only through a toll-free 800 number, call and ask for the mailing address. If what you want is available, send a check or money order. You will avoid forfeiting some important consumer rights.

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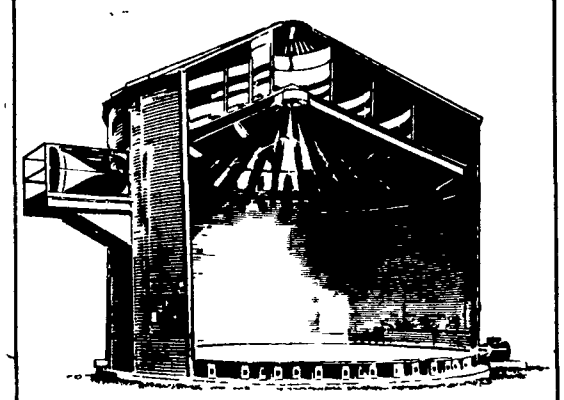

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Width	A	B	C	D	E	EE	EEEE
Size	10-14	8-15	7½-14	6-16	6½-13	6½-13	6½-13

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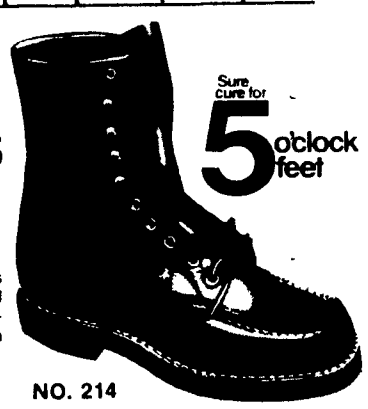

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FOR THE FOOT HARD TO FIT!

Width AA	A	B	C	D	E	EE	EEEE
Size 10-15	9-14	7½-16	6½-14	5-16	6-14	6-14	7-13

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Choose and cut facilities make selecting Christmas tree fun

UNIVERSITY PARK — Selecting your Christmas tree puts you and your whole family into the holiday spirit. Or does it? Searching among the crowds of people and finding the perfect tree among the dozens of trees seems impossible. One is too short, another is poorly shaped and they are all too expensive. If buying your tree puts you in a scrooge-like mood, Jim Finley, forst resources Extension specialist at the Pennsylvania State University, has some suggestion for you.

For convenience, you can go to a retail outlet in your town. But why not make the experience an enjoyable family outing? Go to a "choose and cut" facility where the whole family can walk through the fields and help to select a tree. This will ensure a fresh tree that will often cost less than those at retail outlets. Some operations in the state even offer picnic facilities or have hayrides that take families to the tree lot.

"If your family has an enjoyable day, then included in the price of the tree is entertainment," Finley says.

He also points out that the growers' risks and investments must be considered in the price of a Christmas tree. To produce a seven-foot Blue Spruce tree takes 10 to 15 years. A Scotch Pine takes seven to 10 years. During this time, disease and small animals such as moles or insects, may cause severe losses.

The grower has expenses in land, seedlings and herbicides. Shearing the trees usually begins in the third year after planting and must continue for four to 12 years. Because nature does not produce perfect trees, shearing is necessary so that the tree will have a shape desirable to the consumer. The grower's single market is Christmas trees; therefore, producers make money just once a year.

Finley adds that the Pennsylvania Christmas Tree Growers Association has a "Choose and Cut List" of places that offer these facilities. You can write to them at R.D.1, Box 247, Ziegler Road, Dover, PA 17315 for your copy.

Living plants make good Christmas gifts

NEWARK, Del. — A beautiful living plant is a wonderful way to express the spirit of the holiday season–a pleasure to give and a pleasure to receive. So why not consider an appropriate one for a friend or loved one?

University of Delaware extension garden specialist Dave Tatnall offers these suggestions for buying a gift plant.

Make sure the plant is healthy, well-shaped and of suitable size. Flowers should be abundant and, preferably, just beginning to open. Foliage should be clean, of good color and free of pests.

Choose the type of plant you feel will flower most dependably in its future home. A favorable location and proper care will lengthen the blooming period and keep the plant looking attractive.

"Your choice may depend on whether the plant will be discarded after flowering or kept indefinitely," Tatnall says. But he points out that only a few Christmas plants make satisfactory long term house or garden plants. His personal favorites include the poinsettia, Christmas cactus, and cyclamen. Of these, only the Christmas cactus makes a good permanent plant.

"Choose your gift plant early, while the selection is good," Tatnall advises. "This often means two or three weeks before Christmas. If you're buying from a florist or garden center, ask to have the plant tagged and set aside for you. That way it will benefit from professional care until it goes to its new home."

While flowering plants are by far the most popular for Christmas giving, a foliage plant can sometimes be a better choice. One of the best is the Norfolk Island pine. This slow-growing needled evergreen, with its distinctive whorled growth, does well under average indoor conditions. It is sometimes used as a Christmas tree substitute and should be available at most local plant shops.

"If you would rather give a landscape plant," the specialist says, "order it now from a mail order nursery that offers this service. The company will send the person you designate a card at Christmastime, announcing that the plant has been reserved and will be delivered at the proper planting time in the spring."

Prepare holiday meals safely

WEST CHESTER — As you work in the kitchen during the holiday season, remember to use caution when preparing those holiday goodies. Here are some tips to keep in mind from J. Lynne Brown, Penn State Extension assistant professor of human nutrition.

To refrigerate foods properly, your refrigerator should register at 40 degrees F. or lower. The best way to thaw meat and poultry is do do this in the refrigerator. For faster thawing, put the frozen food in a watertight plastic bag in cold water. Change the water often and monitor the thawing process so the meat does not sit at room temperature unnecessarily.

If roast turkey is included in your holiday menu, remember to first wash the inside and outside of the bird with cold water and rinse well. Wash your hands, utensils and the sink well after they have come in contact with the raw turkey.

If you wish to stuff the turkey, allow 3/4 cup of stuffing for each pound of turkey and stuff the bird right before it's ready to go in the oven. The temperature of the turkey should reach 185 degrees F. in the inner thigh of a whole bird before its declared "done." Stuffing temperature should reach at leat 165 degrees F. Remove all stuffing as soon as the bird is cooked.

If you serve fresh pork, it should be cooked to an internal temperature of 170 degrees F. Cured hams should be heated to 160 degrees F.

Hot foods should reach a temperature of 165-212 degrees F. If you delay serving these foods, they should be kept at 140-165 degrees F. to prevent growth of harmful bacteria. Never leave hot food out for more than two hours.

Store leftovers immediately. Do not let them cool on the kitchen counter. Refrigerate food in shallow containers so food is in thin layers, about 2 1/2 inches deep. This gives maximum circulation to cool the food faster and permits less bacteria growth.

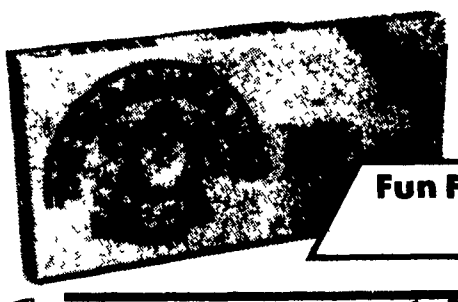
Leftover casseroles and soups should keep up a maximum of a week if your refrigerator works well. Leftovers are best used within two to three days or should be divided into smalled containers and frozen for later use.

When reheating leftovers, cook soups and gravies to boiling. The food should be heated enough so that is it too hot to put in your mouth immediately.

You can often tell if food is spoiled by its odor. If you have any doubt, throw it away.

READ LANCASTER FARMING FOR COMPLETE AND UP-TO-DATE MARKET REPORTS

Christmas Gift Ideas For The Farmer In Your Life...



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Insulated Vests
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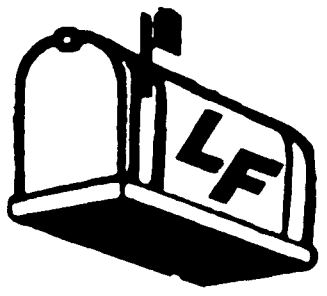
EVENINGS
TIL 8 P.M.

HUBER'S ANIMAL HEALTH SUPPLIES
810 Tulpehocken Rd., Myerstown, Pa. 717-866-2246
Mon., Thurs. & Fri. 7:30 AM to 8 PM
Tues. & Wed. 7:30 AM to 5 PM; Sat. 7:30 to Noon

HANDY CLASSIFIED AD ORDER BLANK



IMPORTANT: Be sure to include name, address, and word count
PLEASE WRITE CLEARLY

Please publish my _____ (Number of Words) word ad _____ (Number of Times) times

starting with the _____ issue. Classify under _____.

I enclose _____.

MAIL TO:
LANCASTER FARMING
P.O. Box 366, Lititz, PA 17543

NOTE: Please do not use this form for Mail Box Market Ads, see instructions in Section B with Mailbox Markets.

DEADLINE: 9 A.M. THURSDAY OF EACH WEEK'S PUBLICATION

RATES: 23¢ Per Word
$3.00 Minimum Charge

For ads running 3 or more consecutive times with no change deduct 20 percent discount. (See rate chart at beginning of classified section for an example of discount.)

1	2	3	4
5	6	7	8
9	10	11	12
13-$3.00	14-$3.22	15-$3.45	16-$3.68
17-$3.91	18-$4.14	19-$4.37	20-$4.60
21-$4.83	22-$5.06	23-$5.29	24-$5.52
25-$5.75	26-$5.98	27-$6.21	28-$6.44
29-$6.67	30-$6.90	31-$7.13	32-$7.36
33-$7.59	34-$7.82	35-$8.05	36-$8.28
37-$8.51	38-$8.74	39-$8.97	40-$9.20

Holidays often bring depression

MEDIA — The holiday season often brings an unexpected, unwelcome visitor—depression. Suicide attempts and depression-sparked breakdowns peak during December and January, and hundreds of persons suffer milder forms of depression.

Holiday depression doesn't discriminate. It can hit anyone, says extension home economist Greta C. Vairo. It may plague the mother who wants to create a spectacular holiday for her family, whether they want it or not.

It affects the parents who cannot afford the expensive gifts they think their children want. It hits the young couple caught between demanding in-laws. Those millions with no place to go are particularly vulnerable to the holiday blues.

The romantic image of the hollidays as a loving, joyous, family-oriented time contributes to holiday depression. Everyday problems and irritations are somehow supposed to disappear and usually do. Many people are convinced that everyone else is happy and they alone are depressed. An important key to avoiding holiday depression, is simply knowing that it is common and shared by many others. Keeping expectations at a reasonable level and limiting the time and energy invested in holidays may also help some people. Others will find their best tactic is to get involved.

Depression can be regarded as a state of feeling sorry for yourself. It is best overcome by dealing with causes of the self-pity.

Penn State is an affirmative action, equal opportunity university.

Tobacco imports study set

WASHINGTON, D.C. — Secretary of Agriculture John Block has announced formation of a task force to prepare the U.S. Department of Agriculture's study and testimony for the U.S. International Trade Commission's investigation of tobacco imports.

The task force, which includes tobacco experts from several USDA agencies, will be headed by Alan T. Tracy, deputy under secretary for international affairs and commodity programs.

Other members of the task force are Daniel Brinza, Office of the General Counsel; J.T. Bunn, Agricultural Marketing Service; Verner M. Grise, Economic Research Service; Robert G. Harper, Kenneth E. Howland and Jane L. Laupus, Foreign Agricultural Service; Robert H. Miller, Agricultural Stabilization and Conservation Service; and W. Scott Steele, Office of Budget and Program Analysis.

The investigation, to determine whether imports are interfering with the price support and production adjustment programs for tobacco administered by USDA, was ordered by President Reagan following advice from Secretary Block. The President's directive was issued pursuant to Section 22 of the Agricultural Adjustment Act of 1933.

The International Trade Commission is expected to complete its investigation and report its findings and recommendations to the President early next year.

Livestock markets sought

WASHINGTON, D.C. — A campaign to increase the export of U.S. livestock has been launched by the U.S. Department of Agriculture and the Livestock Exporters Association of Bloomington Ill.

The venture calls for resolving differences in animal health regulations between the United States and countries where U.S. livestock and embryos are now excluded, said Richard A. Smith, administrator of the USDA's Foreign Agricultural Service.

Such health agreements would remove unintended barriers to the importation of U.S. animals and could increase significantly American livestock exports, Smith said.

The Livestock Exporters Association and the Foreign Agricultural Service will work to convince foreign officials and scientists of the adequacy of U.S. health testing measures. When necessary, the export group will bring foreign veterinarians to the United States to work directly with their USDA counterparts. As a last resort, new health tests could be developed to satisfy foreign buyers.

"Arriving at marketable solution is the key," said Smith. "U.S. livestock are probably the world's healthiest, yet several of the diseases we have here do not appear in some countries. We must assure buyers that the animals we export are indeed healthy. And we must do it without adding significantly to the costs of American exporters."

In fiscal year 1984, U.S. exports of cattle, swine and breeding horses are likely to total $68 million.

Additional information may be obtained from the Livestock Export Association, Box 2901, Bloomington, Ill. 61701.

BUY, SELL, TRADE OR RENT THROUGH THE CLASSIFIED ADS

PHONE: 717-626-1164 or 717-394-3047
Mon., Tues., Wed. 8 AM to 5 PM -
Thurs. & Fri. 7 AM to 5 PM

7 LIVESTOCK EQUIPMENT

WOOD SHAVINGS
* * KILN DRIED * *
Don't be caught short this fall!
Call now for delivery of bagged, baled or bulk wood shavings & sawdust.
A quality bedding material at an economical price.
PENN AG PRODUCTS INC.
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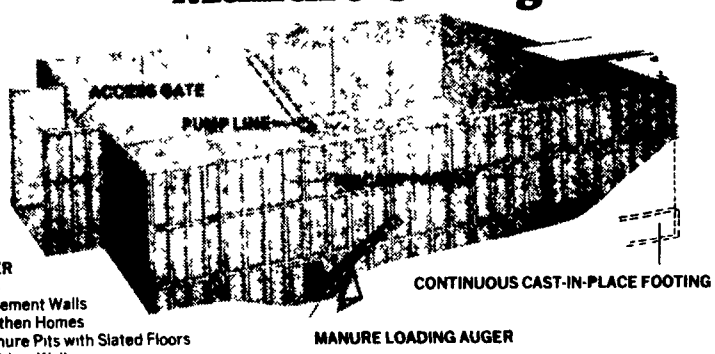
717-354-4174

Manure Storage


OTHER USES
• Basement Walls
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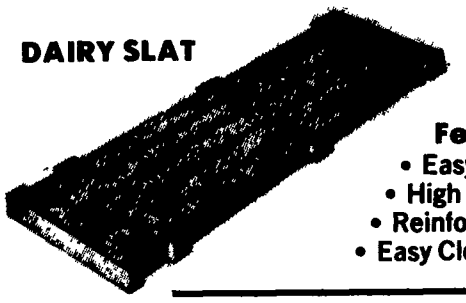
• Building Walls
• Floor Panels
• Retaining Walls
• Grain & Fertilizer Storage Sheds
Available in 8', 10' and 12' deep rectangular and round structures

CONCRETE GANG SLATS
for Dairy and Hogs
DAIRY SLAT

Slats available in gangs of 8, 10, 12 ft. lengths.
Features:
• Easy Installation
• High Strength
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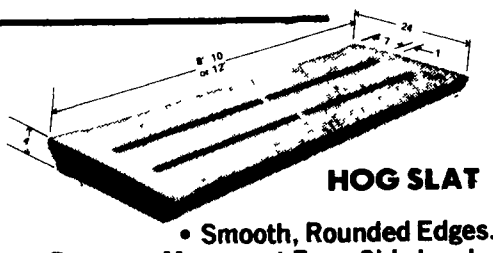
• Easy Cleaning

Features:
• Easy Cleaning
• Center Beam
• Slight Crown.
• Uniform Spacing.
• Easy Installation
• Slats Stay Drier.
• Easy on Animals Feet
• Low Cost- Long Life

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• Smooth, Rounded Edges.
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16	3.68	8.83
17	3.91	9.38
18	4.14	9.94
19	4.37	10.49
20	4.60	11.04

KEYED ADS (ads with answer coming to a Box Number, c/o Lancaster Farming): 50 cents additional.

Ads running 3 or more consecutive times with no change billed at 20 percent discount.

This newspaper will not be responsible for more than one incorrect insertion of any advertisement.

Lancaster Farming
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or Lititz
717-626-1164
Mon., Tues., Wed.,
8 a.m. to 5 p.m.
Thurs. & Fri.
7 a.m. to 5 p.m.

REAL

The following categories are available for your classified advertising in Section C. Deadline-Thursday morning at 9 of each week's publication
1 - Farm Equipment
2 - Farm Equipment Wanted
3 - Silos and Unloaders
4 - Building and Supplies
5 - Grain Equipment
6 - Dairy Equipment

The following categories are available for your classified advertising, in Section B. Deadline-Wednesday afternoon at 5 of each week's publication.
7 - Livestock Equipment
8 - Cattle
9 - Horses & Mules
10 - Sheep & Goats
11 - Swine
12 - Artificial Breeding
13 - Hog Equipment & Supplies
14 - Poultry & Supplies
15 - Feed & Seed
16 - Fertilizer
17 - Plants
18 - Fruits & Vegetables
19 - Nursery
20 - Lawn & Garden
21 - Services Offered
22 - Custom Work
23 - Help Wanted
24 - Situations Wanted
25 - Business Opportunities
26 - Household
27 - Pets
28 - Lost
29 - Found
30 - Computers
31 - Notice
32 - Miscellaneous
33 - Recreational Vehicles
34 - Autos
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HIGH-TENSILE FENCE
Non-Electric or Electric
Strong * Lasting * Economical
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ZOOK MOLASSES CO. 1934 50 Years Of Service 1984 Honey Brook, Pa.
IMPROVE FEED PALATABILITY AND PROFITABILITY BY USING LIQUID AND DRY MOLASSES PRODUCTS IN YOUR FEED FORMULATION FOR ANIMALS FROM ZOOK MOLASSES CO.
• Liquid Feeding Cane Molasses
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• Honey Brook Brand Dried Molasses - 50 lb. Bag
• Z Brand Dried Molasses - 50 lb. Bag
• Honey Brook Energiblock - All Natural 20 - No. Urea
• Energiblock - Hi Protein 36
ZOOK MOLASSES CO.
West Main St., Box 160
Honey Brook, PA 19344
PH: 215-273-3776 or 717-393-3987
Call toll free in PA: 800-662-7464

7 LIVESTOCK EQUIPMENT

FOR SALE
SAWDUST
& SHAVINGS
Bags & Bulk
ED VOGT & SON
Medford, NJ
609-654-7489

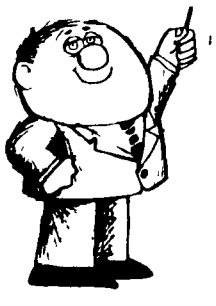
FACTORY SECONDS!! Schuld/Bushnell galvanized smooth wall hopper feed tanks. Only 7 ton sizes left. Call or stop in and see them, Louck's Grain Equipment, Inc., 717-755-2868.

Moorman Mfg. Co. Top-Kream Dairy Minerals to fit your forage. For Service, 717-597-3031.

Zero dual ration computer feeding system. For Sale or Lease to qualified buyer. Includes: computer, 5 interagators, 140 tags, 5 stainless steel feeders, 5 stalls and hoppers, 2 bulk bins and augers. 1 year old, in excellent condition. 301-582-0264.

SADDLE UP!
To Better Equipment... Find It In Lancaster Farming's CLASSIFIEDS

GIGANTIC SELECTION
In Lancaster Farming's CLASSIFIEDS



A LESSON WELL LEARNED...
LANCASTER FARMING'S CLASSIFIED ADS GET RESULTS!
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Dry - Fresh Cut - Cured
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Bulk Loads
SAWDUST AND SHAVINGS MIXED
Discount given for Quantity
TAN BARK
Fresh or Cured

ATTENTION
We Will Now Install Bedding in Poultry Houses

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Horse - Cattle - Flatbed Trailers
OVER 150 NEW TRAILERS IN 14 BRANDS

NEW UNITS:
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- 16 ft. x 6 ft. Gooseneck Stock w/Oak Floor - $3095
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USED UNITS:
- 1982 2 Horse w/Tack Compartment, 7 ft. Tall - $1695
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3-13 Wire Systems Available
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Professionally Trained by
KIWI FENCE & TERRACING SYSTEMS INC.

Top Notch 4H Club Steers. Registered Angus Sired by National Known Sires.
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Baled Wood Shavings
Kiln dried, in easy to handle 4 cu. bales. Discount for large orders.
We deliver or you pick up
William Beam
Morgantown, PA
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8 CATTLE

For Sale: Dairy Cattle. Will sell only to dairyman in the milk program. Bedford County. 814-623-5279.

For Sale: Guernsey cows, averaging 4.9% butterfat and 3.5% protein. Individual health accredited and production tested. Adams Co. 717-359-4383

For Sale: Guernsey cows and heifers, some fresh and some due soon, 215-696-1387.

For Sale: High quality Reg. and Grade Holstein and Jerseys, Bred and Open Heifer. 615-745-0750 Joe.

For Sale: Registered Holstein Cows and bred heifers. Due now thru January, good pedigrees with records to 22,000M and classified up to VG-85. 215-593-2274.

For Sale: Registered and grade Holstein cows, due in December. Call 717-872-2867.

For Sale: Springing Holstein Heifers, some registered. 814-832-2244.

For Sale: 16' Cattle rack with roof and steel bed. Very good condition. Union Co., 717-966-2491.

For Sale: 10 Holstein heifers, bred and open. Call 201-459-4459.

For Sale: 20 registered holstein cows. Herd avg. 18,631 - 4.1 - 763. Calf hood vac. Enjoyment Farms. 814-926-3669.

Guernsey second calf hand milker, tame. Due in April. $450. 717-656-9548.

Jersey Heifers: Fresh, bred, open, dehorned, calf. vacc. Most registered. Top A.I. sires. Out of high test, high pro. herd. 717-784-9458.

LOOKING TO BUY YOUNG FEMALE LLAMA. 301-489-5284.

MUST SALE-3 Registered Milking Short Horns, FFA and 4-H projects, due Dec. and April. Bedford Co. Call after 6 814-766-3223.

REG. HOLSTEIN SERVICE AGE BULLS
All are sired by the top A.I. bulls of the breed. Many from high record dams, all bulls are home raised w/a large selection to choose from. Call John Barley, Star Rock Farms, 717-872-4058.

BEEFALO ADVANTAGES from registered Purebred and percentage bulls and females. One animal or custom packages, dispersal priced. Chenango Beefalo, Greene, NY 13778. 607-656-8416648-3933.

Buyers & Sellers of Livestock -- Be sure to check the advertisements for cattle in the Lancaster Farming. You'll get results! 717-394-3047 or 717-626-1164.

Christmas surprise for your Jr., registered Angus heifers. These are fancy 1984 calves that offer excellent show and breeding prospects. Breeding priviledges to Jrs. Brook-Hill Angus. 201-948-3261.

Eight Polled Hereford Cows with last years calf and bred back 1st to 3rd calf cows. 609-935-5038.

FOR SALE-Feeder calves, club calves, Angus and Chianina Cross. 301-758-1257.

FOR SALE-Holstein Bulls ready for service, sired by Very, Columbus, Dairyman. Naaman Stoltzfus 717-768-3811.

FOR SALE-Home raised Angus Feeder steers, .60 per lb. Quakertown, PA. 215-536-4190.

FOR SALE-Registered Holstein milkding cows and service age bulls. 717-865-4650 after 8 PM.

FOR SALE-Registered Springing Heifers, AI, bred to Elevation Very, due December, calfhood vaccinated, interstate health certificates. Berks Co. 215-367-7845.

FOR SALE-Registered Jersey cows, different stages of lactation. 814-847-2634.

FOR SALE: Registered polled Hereford cows, calves, steers, bulls. Reasonable. 215-647-2787.

FOR SALE-11 large open Holstein Heifers. 717-224-4688.

FOR SALE-3 Registered Holstein cows. 1 from very good Dam with twice over 1,000 fat. Bred to Jason. Another scored good plus 82. Bred to Arrow. All 3 are nearly dry and due Feb., Mar., & June. Price $2,300 for all three. 215-869-3502.

FOR SALE-30 head of large commercial Angus beef cows. Bred back to a son of Power Play. Calves average for 3 years was 554 lbs. Columbia Co. 717-356-7482.

FOR SALE-35 Holstein cows, 25 heifers, milking equipment, farm machinery. Complete package deal only. 717-673-5562.

FOR SALE-8 Registered polled Hereford cows bred for spring calves. $750 each or entire group for $5,000. 201-439-3017.

Registered Polled Herefords, 6 large dark colored heifers (Justa Banner line) bred to Hotline 33R, excellent 18 mo. old bull who also sells. 6 Young heifers weaned at over 500 lbs. by ESF Anx Murphy DH112. Jayama Ranch, Skillman, N.J. 609-466-9129.

Registered Polled Hereford will calve in April. Dunwalk lines with or without 1984 steer. 215-346-7979.

Registered Red Angus cows and spring calves. Beautiful, reasonable. 201-875-2919.

Registered Angus Bull, good bloodlines. 717-423-6536.

Registered Holstein bulls, 1 year old and younger. Out of dams with records to records up to 28,000 milk and up to 1100 fat. Stump Acres, 717-792-3216, York County.

SERVICE AGE BULLS-Chairman son born 9/83 and a Valiant son born 11/83 out of EX Elevation daughter with record of 4-6 365d 30694 4.2% 1283. Next dam VG-87 with 12-0 365d 28228 3.8% 1070. First dam has several sons in A1. Roy and Glen Henry, Port Royal, PA. Juniata Co. 717-527-4474.

WANTED-Herd of 32 Holstein cows. Last week of December or First week in January. 104 Paradise Lane, Ronks, PA 17572.

Wanted: Entire dairy herd and bred and springing heifers. Highest cash price paid. Reuben Greenberg, Inc., Columbus, N.J. 08022. Ph. 609-298-1021

Wanted to lease or buy on milk assignment, small herd of dairy cows or spring heifers. Reply to Lancaster Farming, P.O. Box 366 K-42, Lititz, Pa. 17543.

"Wisconsin and Canadian Dairy Cows For Sale: 1st, 2nd, and 3rd calf. Fresh and close springers. Cash, or credit with down payment. Specialize in selecting cows for customers. Free delivery. Reuben Greenberg, Inc., Columbus, New Jersey 08022. Phone 609-298-1021."

3 black Angus bulls ready for service. Stump Acres. York Co. 717-792-3216.

8 Purebred Angus cows & 4 beef cows bred to Simmental bull for spring calving. Harford Co. 301-838-7651.

FOR LEASE
Will lease to good farmers 1st calf heifers w/option to buy.
Write: Sunrise Farms
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ATTENTION DAIRYMEN - ALWAYS AVAILABLE
Large selection of high producing registered and grade Holstein first calf heifers and cows
Terms: Cash or short term credit. Also, our very popular lease plan.
All health precautions taken
If you need a new herd, additions, or replacements call or write
M. BARMANN & SONS, INC
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ENTIRE DAIRIES BOUGHT & SOLD
Please Inquire About Our New Dairy Listing Service

Wanted To Buy
Registered Holstein Heifers, any age.
Write to Abraham S. King
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or call 717-656-7486

8 CATTLE

Buy your steers direct from the farm. Approx. 90 Angus steers between 450-500 lbs.
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FOR RENT
Feed Lot and Feed. Can Hold 120 Head Divided in Lots of 30 Elizabethtown Area
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FOR SALE SIMMENTAL CATTLE
By Top A.I. Sires
Performance Tested and Registered
State Certified Herd
ACHILLES CATTLE CO.
SEMEN DISTRIBUTOR
Edward Pierce
R.D. 2
Neshanic Station, NJ
201-369-4039

Service age registered Holstein Bulls by Pete, Star, Astronaut, Glendale, Chief and others.
Dams classified Very Good with records over 29,000 lbs. milk. and 1195 lbs. milk fat.
STUMPLAND FARM
215-488-1965

9 HORSES AND MULES

Black saddlebred mare, 4 years old, sound with spirit and style. Call 215-273-2120.

FOR SALE-9 year old Saddlebred carriage or buggy horse, good broke. 717-656-6712.

11 SWINE

Large Yorkshire Hampshire Bred Gilts Service Age Boars, open gilts, Yorkshire, Hampshire and crosses.
John Strawbridge
301-996-2022

9 HORSES AND MULES

I will travel to your farm and shoe your road horses. By appointment only. Call evenings after 8 p.m., 717-627-1678.

Moorman Mfg. Co. Gro-Strong horse minerals. For Service, 717-597-3031.

Ponies For Sale. Phone 717-768-8080.

Reg. Morgan gelding, 15h, 4 yrs. jumps well; event or endurance prospect. $1,800. Southern Chester County. 215-932-8973.

Riding Mule. 7 Year old gelding. 15.1 hands. Sound. Gentle. Ridden on trails and road: 215-488-1641 or 215-777-3357.

Welsh type pony, gelding, 4 year old, sound and gentle. Rides and drives. 215-488-1641 or 215-777-3357.

8 yr. old saddlebred horse for sale. 17 hands. Jacob G. Esch, 3470A W. Newport Rd., Ronks, Pa. 17572

JEN-AIR ACRES

Breeder of Show Quality Quarter Horses
At Stud - Bueno Call & Bar Steeley Bar
Stop by & pick out your winner!
R.D. 2, Box 179
Berks Co.
Bernville, Pa. 19506
215-488-6914
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10 SHEEP AND GOATS

Bred Suffolk. Also Corriedale ewes. Bob Leslie, Cameron Star Rt., Waynesburg, PA. 412-428-4110.

FOR SALE: Registered Shropshire rams-2 yearlings, 2 lambs, 2 older rams. 717-334-6993.

Moorman Mfg. Co. Special sheep minerals. For Service, 717-597-3031.

PYGMY GOATS-Registered-Unregistered for breeding, showing, pets. $75-$250. Stud Service, $50 plus board. 215-646-7992.

Six registered Southdown ewes, due to lamb Feb. '85. Show quality. 814-359-3048.

10 Finn X Rambouillet bred ewes, last lambing 210%; Lambing equipment, 717-744-2975.

15 Commercial Ewes, bred to Suffolk Ram, will make excellent club lambs. 717-896-3365.

15 young Suffolk ewes to lamb in January. 215-485-3903.

4 BRED REGISTERED Suffolk sheep, bred to registered ram 717-786-3394.

11 SWINE

Chester white spotted boars, bred and open gilts. Jim Parlett, Airville, Pa. 717-862-3610.

Crossbred sows, second and third litters due end of November and December. Some financing available. 814-685-3304 evenings and weekends.

Duroc, Yorkshire, Spotted Boars, Open Gilts and Bred Gilts. Calvin Lazarus and Sons, 4290 Bridge Street, Whitehall, PA 18052. 215-799-3375 or 3831.

FOR SALE-Duroc Boars and Gilts. Sweigard Durocs, RD 3, Box 639, Halifax, PA 717-896-3365.

FOR SALE-Purebred Hampshire boars, $350 and up. Kutztown. 215-683-8446.

FOR SALE-Yorkshire Service Boars. Elwood E. Houser, 2150 Quentin Rd., Lebanon, PA 17042. 717-272-5798 or 273-2921.

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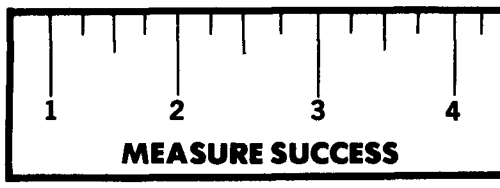

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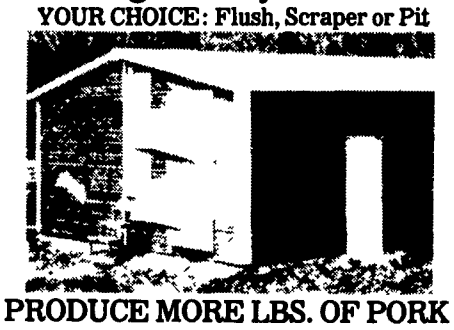

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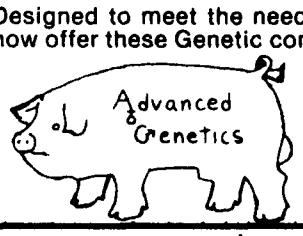

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Straw Wanted -Wheat, barley or rye. Bright only. Pay $90 and up. We haul. Cash at local scale. Also need top Timothy. Evenings 215-588-7697. If no answer call 201-454-8259.

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WANTED LARGE QUANTITIES Timothy, Alfalfa, Straw. Buyer will haul. Cassidy Brothers Farms. 703-777-5134

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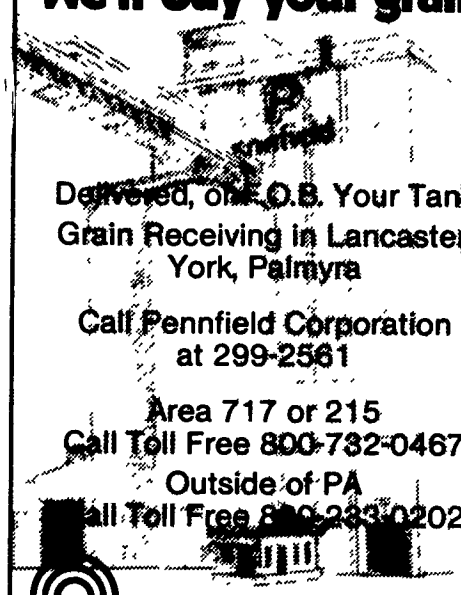

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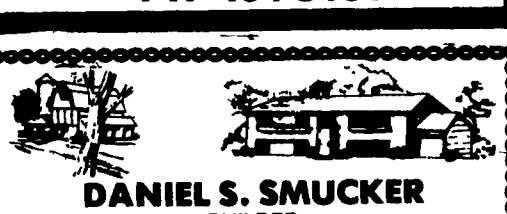

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Salary, Expenses, Commission
Professional sales training provided. Sales experience or Ag background desirable. submit resume in confidence to Lancaster Farming, PO Box 366-A-27, Lititz, Pa. 17543.

An opportunity in sales for the person with an agricultural background and experience. Full-time sales position in York Co. selling farm seeds, fertilizer, chemicals direct to farmers. Send Resume. Lancast Farming, P.O. Box 366, A-28, Lititz, PA 17543.

Assistant herdsman wanted. 275 milking herd. Carrousel milking parlor, automatic take-off. Good salary with housing and medical benefits. Call 215-274-8009.

Block Layers and laborers. Will train. 717-442-8020.

Challenging opportunity for a person with the desire and ability to assume full responsibility for an established small fruit, vegetable and Xmas tree operation. Write to Lancaster Farming, PO Box 366, A-29, Lititz, Pa. 17543.

Christian person to work in sawmill. Paid holidays and vacation. Good benefits. Reinholds area. 215-484-2708 before 9:00 p.m.

Couple interested in self sufficient living. Have land and cabin and animals to get started. Also have part-time work at our Homestead. Evenings 717-754-4661.

Experienced, married or single person to work on dairy farm. Must know how to milk and operate farm equipment. Drivers license required, living quarters available, room and board for right single person. Peila Brothers, Manchester, CT. 203-643-7405.

Experienced help to strip tobacco. 717-872-7801.

FARM MANAGER with total responsibility for all outside operations. Large dairy farm with retail outlet in Bucks Co. Salary appropriate to credentials. Home provided. Call Peter Borden, 215-822-3147 or 822-8823.

Farm Manager Assistant-House with salary in Sussex County, NJ for qualified individual experienced in crop farming, machinery repairs and property maintenance. Send resume with references to P.O. Box 90, Mendham, NJ 07945.

HELP WANTED: Person for mechanic work on large orchard and farm in Berkeley County, W. Va. Must be experienced in diesel or gasoline engines, welding or electrical wiring. Salary and benefits according to experience. Send resume to: Porterfield Orchards, Inc., Rt. 2, Box 341, Martinsburg, W. Va. 25401 or call 304-267-4513.

Historic renovation craftsman needed to begin November. We are looking for varifiable experience and sensitivity to building restoration. Masonry, carpentry, plastering, painting, roofing and related skills needed. Both individuals and subcontractors. Call 301-879-5447.

Excellent Income for part time home assembly work. For info. Call 312-741-8400, Est. 503.

Person w/farm background for selling & demonstrating computerized & regular milking systems for established dealer in SE PA. Immediate opening. Lancaster Farming, P.O. Box 366, R-18, Lititz, PA 17543.

REAL ESTATE FARM AGENTS NEEDED: Lebanon, Berks, Lancaster, Dauphin, Schuylkill Counties. Call or Write: REAL ESTATE BROKER AUTIONEER NELSON EBERSOLE 717-867-5221. SUBURBAN REALTY-FARM DIVISION, 30 West Main Street, Annville, PA 17003.

Responsible individual to help with 60 cow dairy herd and general farm chores. 301-357-5239.

ROSE GROWER - steady, fulltime greenhouse work growing roses as cut flowers. Alternating 6 and 6½ day weeks. Agricultural experience necessary. Company provides benefits and is located near Willow Grove, PA in Eastern Montgomery County. Please reply to: Lancaster Farming, P.O. Box 366 R-20, Lititz, PA 17543.

SALESPERSON FOR FARM EQUIPMENT DEALER. Lancaster Farming, P.O. Box 366, K-39, Lititz, PA 17543.

WANTED-Christian person interested in dairy farming on a 70 cow operation. Must have experience, references and be highly motivated. 814-684-4475.

WANTED-Married person to drive livestock truck and feed cattle, no driving Saturday or Sunday. House with all conveniences. Along school bus route; 10 miles West of York. Write P.O. Box 145, Codorus, PA 17311.

Large crop farm, Sussex Co., N.J. needs full time, reliable assistant experienced in field work, mechanical and maintenance work. Salary and house included. Send resume to Lancaster Farming, Box 366, A-26, Lititz, Pa. 17543.

Man and Wife for 80 cow dairy. 703-955-3413.

Married or single, Christian man to work general farm work, housing provided. No Sunday work. York Co. 717-225-1845.

MILKER WANTED-To milk on dairy farm in Lanc. Co. Modern parlor setup. Housing and other benefits. 717-898-7689.

MUSHROOM FARM GENERAL WORK-Experience of front end loader and 10-wheel truck operation is required. Prefer persons with good mechanical aptitude. House available. 215-593-6093. 7-8 PM or send resume to Chen Mushroom Farm, Rt. 2, Box 3, Christiana, PA 17509.

NEEDED: Young Christian couple experienced in poultry for a medium sized modern operation. References required. Lancaster County. Write to Lancaster Farming, PO Box 366-A-23, Lititz, Pa. 17543.

Person to work on 170 cow dairy farm, house provided. 717-784-2946.

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Many excellent opportunities.
References, relocation and recent dairy experience required.
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Experienced Drivers
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Sell Animal Health Supplies
farm to farm.
Must have dairy farm experience and be aggressive. Guaranteed salary plus commission and excellent benefits.
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717-266-5611

25 BUSINESS OPPORTUNITIES

Business Opportunity in your own home of locally made half size dresses. Make offer. 717-859-2347.

100 breeding rabbits series 5000 breeding cages 1 yr. old, watering system and feeders. Can include 1974 pickup with cab. Ask for Phil 203-755-6069.

BUSINESS VENTURE
Women's apparel and accessories; full inventory; all racks, shelving, counters, lighting fixtures, cash register; EXTRAS! building not included but negotiable for rental; corner location; small thriving town where Rtes. 6 and 14 cross; Troy, Pa. Shown by appointment only!

Peggy Evans
Keith, R.A.

Home: 717-297-3569 Office: 717-297-2120

24 SITUATIONS WANTED

Family desires dairy or poultry farmwork with housing. Please call 215-488-6734.

WANTED-Full-time position on grain operation, possibly with beef or hogs. Mature, responsible man married with small family. Nondrinker, nonsmoker, have 7 years crop experience, have operated a variety of large equip. including tractor-trailer. Mechainically inclined. Prefer Eastern PA, Eastern MD, NJ or DE. Avail. after Jan. 1. 215-675-1189.

Wanted: Position with an agricultural consulting firm. Have a B.S. in Agronomy with farm, research and extension experience. Call 215-944-0255.

26 HOUSEHOLD

M-3 Hammond Organ, $500. 304-267-8887 Before 7:30 AM.

30 Percent Discount Sale on Cast Iron Furnace Doors and Butcher Kettles. We have several 26" kettles, mint condition. Heavy duty Wood Stove. 896 6 miles South of Strasburg to Georgetown ¼ mile West on Furnace Rd., 15 mi. South of Lancaster. Jacob E. Fisher, R.D.3, Box 106, Furnace Rd., Lancaster, Pa. 17566.

24 SITUATIONS WANTED

Young Christian couple, two children, lifetime experience dairying, nine years owned operated registered Holstein herd in Lanc. Co. One year manager of fruit vegetable business. Prefer dairy, field, mechanical, work. 215-967-6370.

27 PETS

AKC Collie puppies, sable, white, $125. Shots, wormed. James Richart, Canton, Pa. 717-673-8852 evenings. Also, Blonde Cocker pups, $45.

Australian Cattle Dogs. Red and Blue Heeler pups for sale. A nice litter of nine pups from excellent parents. These are good working dogs and good watch dogs. Amos E. Kauffman, RD1, Box 276, Christiana, Penna. 17509.

Australian Stock dogs (Blue Heelers), Registered, Born 11/1/84 excellent cattle dogs and family dogs. 717-359-4862.

For Sale: Jack Russell Den Terrier pups. 3 females, 8 weeks old. Good hunting stock. $125. each. Martinsburg, Pa. (Blair County) 814-793-3303.

Puppies. Australian. Blue and Border collie cross. Good farm dogs. $35. each. 1-301-398-2751.

Registered German shepherd puppies, AKC, all pure white. Wormed and in excellent condition. 215-273-2120.

Registered Boarder Collies, proven working dogs. 6, 12 and 14 week old Puppies for sale, already starting to work. Starter dogs. Trained dogs. 717-285-5338.

Rottweiler quality show/breed, 5 month female. Top National Bloodlines. Trained. $750. 717-444-7243.

TYGMY GOATS-Great Pets. Clean, easy, leashable. Good with all animals. 215-646-7992.

WANTED-Puppies, all breeds. Jack's Dog Farm, Rt. 611, Pipersville, PA 18947. 215-766-8802.

WANKED-Puppies for pets. AKC purebred mixed litters. 717-442-4259.

WANTED TO BUY-Pomeranian dogs, male, female, six months and older, must be registered. Risse Zerby, RD 2, Box 204, Howard, PA 16841. 814-383-2369.

PUPS WANTED
$200 in prizes on December 4th.
$100 prize for the cutest pup.
$100 prize for the farmer who comes the furthest distance.

I Need 260 Pups Tues., Dec. 4th

PUPS WANTED by Jo Jo The Dog Man
$ Top Dollar Paid $
I need puppies to 8 weeks old every Tuesday evening from 7-9 PM at Root's Farm Market 4 miles south of Manheim, off of Rt. 72, Manheim, PA.

Pure and Mixed Breeds Purchased

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in litter lots for resale in my pet shop. Will pick up. Cash paid.
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Charlie Hackett
mornings.
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32 MISCELLANEOUS

Bandsaw Blades made to order. Wood or metal cutting. Will mail. Martin's Sharpening. R#1, Ephrata, Pa. 17522, 717-733-0511.

Bought and sold new and used cardboard boxes, drums, plastic scrap. Reliable Recyclers, 178 Greenfield Road, Lanc., PA, 17601, 717-397-7695

Christmas Toys: Luck Bear or Panda $7.75, Magic Mike Robot $11.00, Police Patrol Car $8.50, Super Buggy $3.50, Robot Watch $4.75 Batteries not included. Add $1.00 for insurance. Andrew Anderson, 74 Saint Josephs Ave., Staten Island, N.Y. 10302 212-981-7734.

DOMESTIC RABBIT MEAT-Dressed whole fryers. Wholesale or retail. TKO Rabbits-Processed and available at Seidel's Butcher Shop, RD 1, Box 155, Blain, PA 17006. 717-536-3409.

East Safe, double door, 60" high, 28 deep, 37½ wide, good condition, $375 or best offer. 215-542-7980 or 215-646-9057.

Electric Yale crane truck K42 SH-6-7-78 maximum capacity, 6,000 lbs. $2,500. 215-542-7980. 215-646-9057.

FOR SALE-Locust Posts and dry fire wood. Ben F. Stoltzfus, 254 Mascot Rd., Ronks, PA 17572.

FOR SALE: New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by appointment. Myers's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169.

32 MISCELLANEOUS

FOR SALE-2" Electric Pipe machine with quick opening pipe and bolt dies. Also metal cutting horizontal band saw. Tilts to vertical 7"x11" capacity. 717-653-8054 or 717-285-3208.

For Sale: Nylon Tow Straps. 2" wide, 3" wide, 4" wide. Any length. Daniel S. Esh, 3746 E. Newport Rd., Gordonville, Pa. 17529.

For Sale: Seasoned oak firewood cut and split by the cord. Also, 2-H78-14 tires, fair tread, $5 each. Radiator for 61 Chevy Step Van. Phone 717-896-8260. Dauphin Co.

NOTICE - Will do any kind of hauling to Western and Upstate Pa. Also New York. From Lancaster and surrounding areas. 717-392-6121 evenings.

SATELLITE SALES AND SERVICE: Complete system as low as $2295. 100% financing available. Advanced Communications. 717-392-1222.

TRADE: Narrow frame 42" Cub Cadet snowblower, I need wide frame. For Sale: parts off F450. Gears, TA, etc. 215-683-3094.

Used Barn Cleaner Paddles; New Berg Chain, $7.95. Quick attach. garden tractor 3½KW standby; PTO35KW. Lowest price around; Uni-Loader. Lanc. Co. 215-445-5309.

WANTED-Control box for Myers power angle snow plow. (Cable type) or will buy pump and controls for electric type. 215-723-0535 After 2 PM.

WANTED-Large pressure tank for air storage. 1,000 gal. or larger. Henry S. Beiler, RD 1, Box 83, Christiana, PA 17509.

Plans for Tracto Mailbox, $10. Display your favorite tractor on your farm mailbox. Gene Mitchell Cedarshop, Box 146, Rustburg, VA 24588.

Pole Buildings 24'x40' completely erected $3,975.00. Overhead and entrance doors included. Other sizes available. Call CHAPARAL BUILDINGS 1-800-772-0072 8:00 a.m. - 7:00 p.m.

We buy deer and beef hides and raw fur. Roots Market Tuesday nights. Hiestand Dealer. 717-898-7055.

4 Drawer Filing Cabinets: 3 at $50 each and 1 for $40. 215-542-7980 or 215-646-9057.

42" Bottcher and Gessner Drum Sander, Drill Presses, Angle Iron, Sheet Metal. Edward's Trading Post, Rt. 46, Great Meadows, NJ. 201-637-4663.

Wanted: 1962 to 1966 Ford H model truck tractor with little or no rust, prefer diesel and tandem. Ron Coover, Shippensburg, Pa. Phone 717-532-6540.

1957 Chevrolet 34 ton, step side pickup. Completely restored to original condition. Best offer. Glick 2 horse thoroughbred, w/drop ramp, electric brakes, $1500. 201-728-8216 evenings.

1962 Brockway Truck Tractor 220 Cummings, 10 speed RR, single axle, nice condition. $3,200.; 1963 Ford N-1000 Truck Tractor 534 5&2, single axle, fair condition. $975. 717-532-6540.

1967 International w/18' tilt bed, 304 V8, heavy rear springs and new oak flooring. Montrose Tractor Sales 717-278-3845.

1968 Dodge Truck D500, good motor, make good farm truck, $500. 717-374-8085 after 5p.m.

1972 Ford 8000C 10 wheeler, 225 HP cat, 13 speed road ranger, 22' bed with 4' extension, new clutch and transmission. $7,200 or best offer. After 6 PM ask for Ivan 717-768-3052.

1974 Ford F-100, 302V8, 4 speed, six 600D tires, for parts, $500. 717-595-2890, Monroe Co.

1977 LN7000 Ford cab and chassis, 3208 Cat motor, 5 SP, 2 SP, PS, good condition. $7,500. Bucks Co. 215-297-8354.

1977 1600 International Loadstar, 345 V8, 5 speed w/2 speed rear on 920 rubber. 23,600 GVW, 217" wheel base, 19' flatbed, hauls 280 bales without head ramp. $3500. Northumberland Co., 717-286-1347.

1979 Chevy C10 305 V8, PS, PB, Automatic, good condition, clean. $3,695. 717-733-4422.

1983 VW sport pickup truck, front WD 29,000 miles, cap, radials. $4,900. 77 IHC tractor. Fruhauf dump trailer, PS, jack, brake, good rubber, $26,000. Lebanon Co. Lester Hess 717-273-6018.

1984 Gooseneck cattle trailer, 24x7, like new. $4,900. 717-664-2722.

6x20 SH Gooseneck stock trailer, new floor; full rubber floor matts, removeable horse stalls, double rear doors, swing in or out for simple loading of cattle. Merhow two-Horse body for pickup. NY 914-292-4014.

'70 International CO1810A, 392, major overhaul March, 18' aluminum bed. All or will separate. 717-786-1882.

'77 Jeep pickup, J-20, 4x4, 360, 4 BB headers, 5th wheel ball. Needs body work, $2,500 or make offer. 717-786-1882

'79 Chevy C30 dual wheel, 9' stake body, 292 4 speed, PS, PB, 9,000 GVW, 36,000 miles, excellent condition. $5,900. 717-733-2873.

'79 Ford Ranger F-250 Super Cab pickup, 400 auto., PS, PB, air, cruise, AM-FM stereo, dual tanks, sliding rear window, 54,000 miles. $5,950. 717-733-2873.

84 Ford F250, 6.9 diesel, 4 speed, 9,000 GVW, PS, PB, AC, Explorer package, 2 tone blue and silver, electric brake controller, 17,000 miles, new condition. Also, 84 Stoll gooseneck livestock trailer, 28' long x 6' wide x 6'10" high inside. Interior padded with rubber and plywood. Adjustable gates, lockable storage in nose. 20,000 GVW, less than 10,000 miles, new condition, will sell as package or separate. 215-273-3789.

'84 Ford F250 heavy duty ¾ ton, 4x4, 351 4 speed, PS, PB, AM-FM stereo, sliding rear window, radial tires, 8600 GVW, regular gas, 10,000 miles, like new. $10,500. 717-733-2873.

'82 Chevy heavy duty ¾ ton, 6.2 diesel truck, auto., PB, PS, 8600 GVW w Stahl utility body w closed-in top, 22,000 miles. $8,950. 717-733-2873.

'82 Chevy heavy duty ¾ ton, 4x4, 292 4 speed, PS, PB, AM-FM, dual tanks, sliding rear window with or without Myers power angle plow, 25,000 miles. Complete $9,650. 717-733-2873.

'83 Chevy Silverado, heavy duty ¾ ton, 4 WD pickup, 350 auto., PB, PS, air, dual tanks, sliding rear window, 8600 GVW, radial tires. $11,500. 717-733-2873

'83 Ford Ranger 4 WD pickup, 4 cylinder, 4 speed, PS, PB, AM-FM, 16,000 miles. $7,400. 717-733-2873.

'84 Dodge ½ ton, 4 WD pickup, 6 cylinder, 4 speed, PS, PB, radial tires, 8,000 miles. $8,500. 717-733-2873.

'80 Dodge ¾ ton Club Cab pickup, 318 4 speed, PS, PB, AM-FM dual tanks, 7500 GVW. $4,975. 717-733-2873.

'81 Chevy ¾ ton, 4 WD pickup, 350 auto., PB, PS, AM-FM, radial tires, 39,000 miles. $7,950. 717-733-2873.

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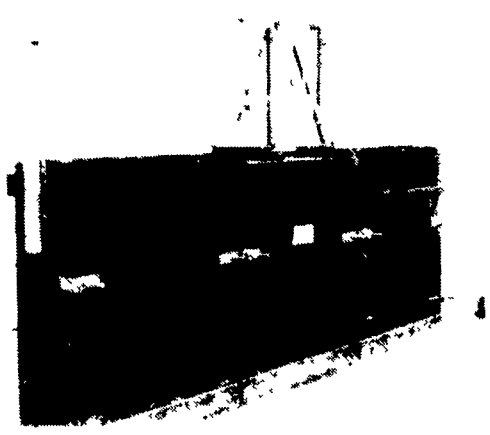

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The basic machine is a three-bin model where tobacco is laid in according to grade. The tobacco is compressed into bales by use of an hydraulic cylinder powered by air. A jack type system can be used for those who may not have electric available. After the bale is compressed, it must be tied with cotton twine.

The use of the three-bin press allows more tabacco to be processed in less time

For more information and details on these new tobacco press units - Call LANCASTER SILO CO., INC. We have units in stock for sale.

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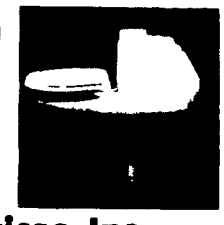

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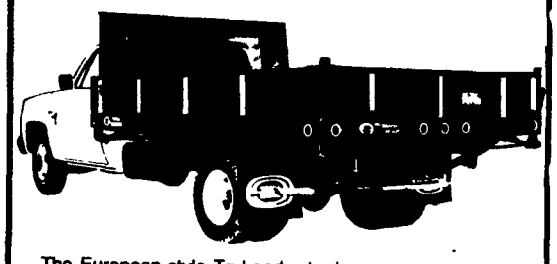
1977 Artic Cat Jag 3000, 1450 miles, excellent kondition. $650. York Co.717-764-2954.

35 TRUCKS AND TRAILERS

'83 Ford F250 ¾ton pickup, 300 6 cylinder, heavy duty, 4 speed, PS, PB, dual tanks, 8600 GVW, regular gas. $7,400. 717-733-2873.

Tri-Loader...
European-style Contractor Body



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1982 GMC WINDOW VAN, Auto., PS, PB, Factory Air, 350 V8, Exceptional Value **$11,995**

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1981 GMC RALLY WAGON, 8 Cyl., Auto., PS, PB, Factory Air, 2-Tone Paint, All The Luxuries **$7,995**

1977 DODGE WINDOW VAN, 8 Cyl., Auto., PS, PB, 63,000 Miles - Must See! **$5,995**

1977 PLYMOUTH VOYAGER, Window Van, 2-Tone Paint, 8 Cyl., 35,000 Well-Maintained Miles, Exceptional Value!..... **$4,595**

Rhodes Oldsmobile
Gilbertsville, PA
Call toll free: 1-800-362-7655

35 TRUCKS AND TRAILERS

FOR SALE-1700 Int. truck 1973 with 18' Eby cattle body. Will consider selling truck and body separate. 717-637-0206 or 637-4887.

FOR SALE-1 Daffin mobile grinder with 125 HP diesel engine on 1962 GMC truck. 1 PTO Daffin mobile grinder on International diesel Loadstar 1700 truck, new motor, new tires. 717-582-2391.

FOR SALE-1 Daffin mobile grinder with 125 HP diesel engine on 1962 GMC truck. 1 PTO Daffin mobile grinder on International diesel Loadstar 1700 truck, new motor, new tires. 717-582-2391.

For Sale: 16' Cattle rack with roof and steel bed. Very good condition. Union Co., 717-966-2491.

For Sale: 1981 Chevy C-30, V8, 4 speed with 12' Hostetler cattle body, 58,000 miles, very clean inside and out. $7,200. 717-532-7887 after 7 p.m.

General engine, 12 ton tag along trailer. $2,500. Bucks Co. 215-297-8354.

Jeep 1966 CJ5, Chev. V8, professional instal. new top, 11x15 tires, 2" lift, new clutch, excellent mech. condition, many more extras. $2000. 717-264-7917.

NEED CASH? We buy unwanted trucks and parts, scrap aluminum of any kind. Wrecked dumps, vans, flats, tank trailers, etc. Call 215-944-9871.

Plans, 13 foot woodcrafted mini eighteen wheeler flatbed, $12 features 10" wheels with ball bearings. Gene Mitchell Cedarshop, Box 146, Rustburg, VA. 24588

WANTED-Engine for GMC 1970 truck, 351-V6. 717-352-2877.

36 REAL ESTATE

NORTHEAST CONN. 350 acre Dairy Farm, double eight parlors, 200 free stalls, heifer barns, bunker silos. Selling 350 head Holstein's, various ages, full line machinery. Can be purchased bare. Excellent working dairy farm. Call Clarence Salmon at Diversified Real Estate Co. 203-774-3661 or 203-774-1430.

For Sale: Farm 148 acres, 13 room brick house, big barn and other buildings. All tillable level ground, beautiful location in York County. Call 717-432-3433.

For Sale, Lease or Rent: Hog and Poultry Farm, modern 4 bedroom home, facilities for 20,000 cages layers with egg processing equipment. Also, facilities for 3,500 head of hogs annually. Contracts available if desired. Lebanon Co. Reply to: Lancaster Farming, P.O. Box 366 K-43, Lititz, Pa. 17543.

For Sale: 69 Acre farm near Gettysburg, Adams Co. Private location, approx. 50 acres tillable, approx. 19 acres wooded, stocked farm pond, remodeled 2 bedroom farm house. Pole shed, $112,500. 717-334-3293.

FREE CATALOG! Describing numerous PA farms, camps, acreage tracts, cottages, homes and businesses. Write Dept. LF, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA 15044.

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

LAND OF PLENTY...Rich orchards, baking and specialty shop. Limitless potential. Imagine 72 acres of sprawling trees, 22 varieties of apples, 7 varieties of peaches and pears. As presented by KYW-TV, this business and real estate are a must see. Complete with equipment and owners good will. $6?0,000.00. Call Barbara Braun. 215-362-2260, RE/MAX Central, Inc.

Log Cabin Home For Sale:Restored original; new roof, new wiring, new plumbing, etc. This 2 story 2 bedroom home is nestled base of Shade Mt. No. of McAlisterville, Pa. Asking $30,000. Call 717-436-9594.

NEW TO THE MARKET. Upstate NY, excellent farm, 250 acres, beautifully renovated 3 bedroom stone house. 90 head of cattle, all machinery, 2" steel pipeline, 1,000 gal. bulk tank. $450,000. Ann Ostasz Realty, Little Falls, NY. 315-823-0095.

Retiring farmer offers dairy farm for rent or sale. Stall space and feed storage for 70 cows plus young stock. 135 Acres tillable with additional ground available. Mercer Co., Pa. Evenings, 814-425-7237. Days, 814-336-1061, ask for Woody.

FOR SALE: Trade or Lease South Mississippi Dairy, 300 acres, modern parlor, free stalls, silos and barns. Large 21 room old remodeled plantation home, old mule barns and servent quarters still on farm. Mild climate, year around pasture. Call 601-785-2238. Taylorsville, Mississippi

FOR SALE-107 A. 60 cow tie stall dairy barn w/maturnity pens. 1,000 Gal. Meuller Tank; 2½" s/s pipeline; 6 Boumatic units. 40x80x10 manure storage w/pump; 40x112 Loafing barn w/58 free stalls w/60' bunk;. 2 Fickes silos16x60, 18x62 w/unloaders. 2 Story 4 bedroom house w/oil heat, completely insulated. All of above has been completely remodeled orbuilt in last 12 years. Owner Financing. Juniata Co. 717-527-4474.

FOR SALE-80 acre farm 1922 Quarry Rd., Lebanon, PA. Good barn and implement shed, large corn crib, ground in high state of cultivation. Modern 2 story house, 5 bedrooms. Call Owner at 717-867-2053.

Farmland For Sale: 500 acres of prime farmland, 200 acres tillable ground, 300 acres wood lot. Located Northern part of Maine. For more information call 207-365-4205 Mr. Gardiner.

BE YOUR OWN BOSS
Totally automated cage layer operation with 61,000 capacity on 22 acres in York Co. with lovely home on premises. 52x400 poultry house. Big Dutchman machinery. Hart Cup water system, Staalkat egg packer. All equipment 5 years old. 3 large out buildings. Contract with bonus available. Income available to qualified buyer. $375,000. F-4637.
KEY REAL ESTATE
Peg Bennett, Listing Agent, 717-632-6400.

CLINTON CO.-Nittany Valley 114 acre dairy, 2 houses, new barn, silos, implement shed; Amish area; near Lamar Exit Rt. 80. Coates Realtor 717-291-1542. After hours call Don 215-857-5464.

Clinton County, Central Pa. 72 Acre operating dairy farm, 4 stall milking parlor, 2 silos, Qunoset Bank barn, pig pen, 2 implement sheds, 2 corn cribs, grainery, 7 room house. By owner, 717-726-3507 evenings or weekends.

NOTICE: Looking for farm ground to rent in Southern Lanc. and York Co. Call 717-786-7318, ask for Tony or 717-284-4281, ask for Fred.

NOTICE: Looking for farm ground to rent in Southern Lanc. and York Co. Call 717-786-7318, ask for Tony or 717-284-4281, ask for Fred.

Rent/ Sell Boonville, New York Dairy Farm. 200 acres w/alfalfa. Stately 6 bedroom, 2 bath, 2 kitchens, liv., din., office, greenhouse. Excell. 2 story stantion barn, bulk tank. Garages, storage buildings. $198,000. Call owners, 315-942-2135 evenings.

Sale by owner: 75.9 Acre farm in York Co., Pa. Bank barn, garage, two story house, productive ground, woods, pasture, stream, walnut trees, 1900 ft. highway frontage, excellent view. For appointment call 717-854-6884.

Scenic Everett, PA area; ½ hour to Raystown Lake; general farm with swell stream; 136 acres, 56 tillable-pastureland, 80 wooded. 6 Room & bath home, 2 outbuildings, paved road frontage. $100,000. No. B-4753. WEST REAL ESTATE AGENCY, INC., RD 5, Box 99, Bedford, PA 15522. 814-623-8594.

Southern Huntingdon County dairy farm. 175 acres with 150 acres tillable, large barn with 44 stanchions, 2 nice homes, stream and good spring on property. Many other extras, $315,000; Southern Huntingdon County dairy farm. 111 acres, extra good home with 7 rooms and 2 baths. Good barn with 27 stanchions, milk house and wagon shed, $125,000. Colonial Real Estate Agency, 814-447-5511.

Steuben County, New York, Hornell area, 296 acre farm, 200 tillable remainder pasture, 5 bedroom house, new 1981 80x140 free stall barn, milking parlor, older barn needs repair, creek, pond, drilled well, outbuildings. $170,000. Call 814-326-4336.

TRACT of Farm Land near Mercersburg, Pa. Has 223 acres, 151 tillable. 10% Financing Available. $200,000. DUANE DILLARD REALTOR. 717-328-5532.

WANTED-Approx. 100 secluded acres in Bernville area. Please send all particulars to Lancaster Farming, P.O. Box 366, L-42, Lititz, PA 17543.

Western New York Dairy Farm-155 free stalls, 2000 gallon bulk tank, alfalfa and corn farm, ½ gravel and ½ Odessa silt loam. Bunk silo, new clear span steel tool shed 40'x60', 2 good farm homes, mix mill and computer feeding including young stock barn Virginia center slope, 6 pens, 70 head. $325,000. for details contact Willard Pengelly, Managing Broker, Harris Wilcox Inc., Broker, Bergen, NY. 716-494-1880.

100 Acre East Donegal farm. 88 Tillable, 10 acres pasture, good limestone soil. 2 Silos, 2 corn cribs, bank barn with over 40 stanchions, tobacco barn, stone farm house and tenant house plus more. Priced at $425,000. Call 717-393-0646, Realtor.

100 Acre Farm-Western Berks Co. Mostly all tillable; 37,000 layer house, remodeled in 1981; New hog house, 744 head; Feedlot for 110 steers; Silos; Modern farmhouse. Call HORNING FARM AGENCY, INC. 215-286-5183.

240± limestone acres in Cumberland Valley. 200 tillable, 96 cow free stall barn, milking parlor, liquid manure storage, large bank barn and double farm house. 717-532-4347 after 6 PM.

Wanted
Small butcher shop
Please call
717-866-6289
or
215-286-9400

FOR SALE
75 Acre 65 tillable
1-30'x30' Shed
Leb. Co.
Jonestown
$1600 Acre
717-933-8943

FOR SALE BY OWNER
13,000 Cage Layer Chicken House (300x37') w/ completely remodeled 4 bedroom 2 story farm house, barn, stream. On 22 acres. Adjoining Mountain. York Co.
717-432-4896

221 ACRE FARM
2" stainless steel pipeline, tank, 3 silos, overlooking Seneca Lake.
For Sale or Lease
Owner financing.
607-243-8669

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FALL & HOLIDAY '84 CATALOG
266 pages, over 5400 properties, 2300 pictures! Values in every type of real estate, many owner financed! From 600 offices in 43 states Get your FREE copy NOW!
STROUT REALTY, P.O.Box 2165, Dept. 6490, Binghamton, NY 13902.
Call TOLL FREE:
1-800-641-4266

SOUTHERN LANCASTER COUNTY
50 acres, 30 tillable, 20 pasture Pole shed, 5 bedroom home, Amish neighbors Priced to sell
FREDD-EDDY Realty, Inc.
Quarryville, PA
717/786-3356

FOR SALE
112 acre operating dairy farm in Salem County, NJ 4 in line parlor, fully equipped, modern milkhouse, fully equipped, 74 cow free stall barn, (2) 60x80 buildings, 3 silos all w/unloaders, beautiful 4 bdr. Victorian home, 20x40 in ground pool Asking $260,000.
609-935-6470
J & K Dairy
Salem, NJ

63.2 **SURVEYED** acres, approved 3 lot subdivision, private, views, long frontage, near State Land Owner anxious. $31,750 (M1350)

5 **ACRE CAMP** needs some work but okay at $9,500 (M1492)

10 **AC.** so exposure, hard road, $6,900, 30% dn, 10%, 5 yr $102/mo (M1638)

RETIREMENT home 2 BR, ranch, quiet community, $17,750. (M1633)

CAMP 2 3 ac near state land and lake, good condition $23,500 (M1642)

13 **AC** wooded lot, stream, easy access but private $8,500. (M1591)

FREE CATALOGUE
ERA-Homestead Realty
267 S. Main
Mansfield, PA 16933
717/662-3287

FARMLAND OR HUNTING 110 acres, 70 tillable, 20 wooded, pond, great building spot At end of township road $49,500. (D404)

RETIRE IN STYLE 1½ story home, 3-4 bedrooms, needs some renovation Located in small Tioga County town $9,500. (D391)

RURAL HOME & INCOME could be apartment home, has mobile home hook-up on lot. Northern Potter Area $35,000 (D375)

DELI STORE Great opportunity, fully equipped & stocked All that's needed is ambition $75,000 (D395)

ERA-Homestead Realty
168 W. Main St.
Westfield, PA 16950
814/367-2222

CAMP on Pine Creek nr, State Land Hunt-/fish/swim Complete $27,500 (W635)

49.8 AC. nr Watrous Ideal hunting. $10,000 down, 10%, 3 yr $26,500 (W678)

FARMETTE 20 ac gorgeous views, 8 yrs young, appliances, woodstove, central air Reduced to $49,500 (W739)

RETIRE to well kept Colonial in Wellsboro, must be sold Now below appraised value Sellers will help w/closing costs A buy at $44,500 (W810)

CHEAP, CHEAP 4 BR, 1+ ac 1½ bath, dbl garage, etc. $21,500 (W811)

HOMESTEAD on 33 ac, barn & farmhouse (partially remodeled), woodlot, garden space, very private $36,000 (W818)

CAMP 2 ac near State Land, new well/septic, gas well $22,900 (W830)

FREE LISTS
ERA-Homestead Realty
23 E. Ave.
Wellsboro, PA 16901
717/724-7161

ERA

36 REAL ESTATE

$60,000, $10,000 down. Owner Financing. 307 acres, 92 tillable (alfalfa land). 43 ties, hiproof barn, milkrm. Remodeled house, 4 bedrms. Trailer. N. NY. Other buys! UNITED FARM, Glenn Yeterson, RD 2, Box 54, Canton, NY 13617. 315-386-3184.

1. 113 Acre farm with original log house with 3 sides of road frontage, includes barn, pasture, and tillable ground and 20 acres of woods. Located 7 mi. N.W. of Shephardstown, WV.-$136,000

2. 53 acres with original log house, barn, and pasture and tillable ground-$75,000

3. 30 Acres with road frontage, ideal for lots-$46,000

4. 30 Acres, unimproved, pasture and woods-$40,000

304-267-8887
before 7:30 AM

LANCASTER COUNTY
Immaculate 54 acre farm with spring and pond. 72,000 broiler capacity with Weaver contract. 24x80 Star silo with unloader. 100' bunk feeder for 175 head of cattle 200 head hog finishing barn with manure pit. Newly remodeled 4 bedroom dwelling. Don't overlook this one.

PERRY COUNTY
134 Acre dairy, 30 ties, barn cleaner, bulk tank, silo with unloader, machinery shed, beautiful 5 bedroom dwelling Priced to sell

NEW LISTING FRANKLIN COUNTY
140 acre Dairy farm, 51 tie stalls, 4 unit DeLaval pipeline milker, Jamesway milk tank, new barn cleaner. Heifer barn. 2 Concrete silos, 3 BR stone dwelling and 3 BR frame dwelling Some FMHA financing.

LEBANON COUNTY
18 acre limestone farmette, large frame bank barn, 4 BR dwelling. Tulpehocken Creek borders property, just right for the horse lover. Price reduced

C.M. Mosemann Realtor
717-859-1004
anytime

COUNTRY PROPERTIES Northern Huntingdon County. Close to Rothrock State Forest and Whipple Dam. Scenic views of rolling hills. Public road, electricity, phone. Use for a cabin now, retirement home later. Example, 7.4 acres for $9,990. Financing available, discount for cash. 814-237-0559.

House and barn on 98 acres (82 acres cropland, 15 acres pasture and woods) Excellent for small beef herd or sheep Secluded property reached by private lane. Borders Trough Creek Good turkey and deer hunting. 15 minutes to Raystown Lake $79,500

House barn and outbuildings on 95 acres 30 acres crop land, 65 acres woodland Adjoins state game land Small brook runs past barn and house Southern Huntingdon Co. $65,000.

Century 21
Don Rapp, Realtor
814-643-1004

40 Acre horse farm, 3 bedroom brick rancher, 14 stall barn, training track, storage for 5000 bales, pond, lots of board fence, $229,000. 50 Miles to Penn National. 717-334-3182. Adams Co.

FOR SALE BY OWNER 167 ACRE FARM

Greenwich, OH 37 Mennonite families living in area New church & school within 5 miles of farm Two Mennonite families adjacent to farm. 167 acres, 122 tillable, nice modern farm home & buildings Would do for hog, dairy or beef. Could be divided into 120 acre farm w/85 acres tillable Buy 167 acres for $1,100 per acre or 120 acres w/buildings for $1,300 per acre Owner Financing Available

Contact owner at
216-933-2492
Or Write:
Tom Butts
563 Center Rd.
Avon Lake, OH 44012

330 ACRE DAIRY FARM FOR SALE BY OWNER
(Mostly Tillable)

Farm #1 - House, 52 stanchion barn with barn cleaner, other buildings. 20x60 silo with unloader, milk tank, lots of road frontage on Rt. 501 N. of Myerstown, Pa. in Berks Co.

Farm #2 - 2 apartment house, large loafing barn, other buildings, pond.

$800,000
717-792-3216

FRANKLIN COUNTY, PA
92 acre limestone farm midway between Chambersburg and Shippensburg, PA. 2 story house, large bank style barn and other out buildings. All in excellent condition. 55 acres tillable. Ask for Roger Mellott.

ERA
GARMAN REALTY
999 Lincoln Way East
Chambersburg, PA 17201
717-264-7999

LYCOMING CO.
Dairy Farms - 106 acre. 90 tillable, 52 stanchions, silo and unloader, barn cleaner, loafing barn and machine sheds Beautiful 4 bedroom house, $220,000. Lock, stock and barrel can be bought. Also large dairy farm, 160 acres tillable.

10 Acre Farmette, Juniata Co

Auctioneer Service
MELVIN S. BINKLEY
Insurance & Real Estate
Rt. 272, Reamstown, PA 17517
717-738-1458

BERKS COUNTY
70 ACRES (m/l) just off 22 and Lenhartsville exit. Owner financing available!

LEBANON COUNTY
64 ACRES (m/l) ... Old dairy barn, equipment shed, Large frame home with apartment for rental. Nice pond, and good location to Berks & Lebanon Counties.

57 ACRES (m/l) WOODLAND... beautiful home sites, zoned for single family residences.

RICH BRANDT FARM REAL ESTATE
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

FOR SALE-8 acre farmette, woods, meadow, stream, barn, silo, 36x40 shop. 8 room 1 ½ story house. Beautiful mountainous view in Mifflin Co. Located 2½ miles south of US Rt. 22, Midway between McVeytown & Mt. Union, PA. (Small business available with property). 717-899-6395.

For Rent: Northern Berks Co. Dairy Farm. 60 stall barn, silo, pipeline, 100 plus tillable acres available. Phone 215-562-5780.

For Sale: Dairy Farm, 284 acres, 160 tillable, large barn, 64 tie stalls, machine sheds, 2 farm houses. Write Jacob Esh, R.D.1, Trout Run, Pa. 17771. Lycoming Co.

NEW YORK DAIRY FARMS
River flat farm, 136 acres, 90 tillable, located behind the barn. 51 big tie stalls, pipeline milking, room for 50 head of heifers and calves, 2 silos and hay storage. Very nice 4 bedroom home. This is a choice family farm.

200 Acres, 60 cow barn, heifer barn, 2 silos, 4 bedroom home, very nice location, 90% financing if you have your cattle paid for.

We have farms for sale throughout Central New York, all sizes, free stalls and conventional. Call Dick Posson at 607-334-9727 for appointment or write:

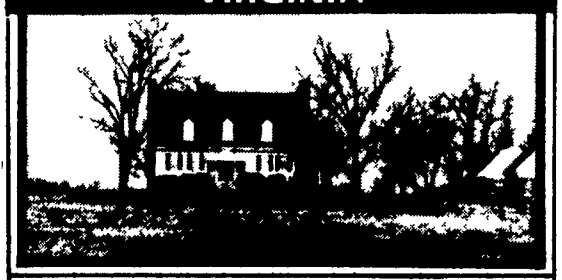
POSSON REALTY
RD 3, Norwich, N.Y. 13815

NYS Farm FOR SALE

86 acres with over 70 tillable, mostly all river bottom. Would make a great vegetable farm. Nice 5 bedroom house. Good barn suitable for dairy, horses or beef. $79,000. Can be sold with less acreage for less money. 1 mile from a growing town.

Mel Manasse
Real Estate Broker
Whitney Point, NY
607-692-4540 — Anytime

VIRGINIA



WHITE HALL PLANTATION
in Campbell County, Virginia 23 Miles southeast of Lynchburg 1,364 Acres with 200+ acres in crops, 190 acres in improved pasture, and 950 acres in timberland Beautifully restored, historic residence (ca 1809) Two detached quarters near house Nice manager's house, 7 years old All excellent, working farm facilities include a large barn, 3 grain bins with drying, 2 bunker silos, 2 large equipment sheds, large shop Operating as a hog center, beef cattle and sheep farm for over 11 years Details upon request

$975,000

CONTACT FOR FURTHER INFORMATION ON THIS AND OTHER FINE SHENANDOAH VALLEY FARMS

OTIS MEAD Evenings 703/463-2740

MEAD ASSOCIATES INCORPORATED

JIM MOORE Evenings 703/463-7050

21 North Main Street ▫ Lexington, Virginia 24450 ▫ Telephone 703/463-7168

UPSTATE NEW YORK
BEAUTIFUL FINGER LAKES AREA

220 acres, 58 stanchion barn, pipe line, cleaner, tank, 3 silos, unloaders, mow conveyor, 9 room home.

350 acres, large level fields, silo, old barn, new pole barn, 2 homes.

130 acres, 50 stanchion barn, silo, cleaner, pipe line, tank, pole barn.

384 acres, free stalls, parlor, tank, 3 silos, hay in barn, 9 room home, stock and machinery optional.

66 acres, alfalfa soil, barn with large pole barn attached, 7 room home, full basement, oil and wood furnaces.

Garage, used car sales, excellent location for farm machinery sales. Laundramat.

J.R. Allen Broker
Dundee, N.Y. 14837 **607-292-3180**

A FRAME CAMP. Everything is all here-range, refrigerator, well, septic system & electric Loft Full Bath 2 acres State Lands & Hills Creek Lake nearby Priced to sell $11,500 W-874

69 ACRES mostly wooded, mature red pines, some hardwoods Fantastic deer & turkey hunting Must cross stream for access but priced right at under $174/acre Alder Run Rd, Jackson Twp $12,000 W-826

28.3 ACRES OF RECREATIONAL PROPERTY, access to township road Mostly wooded land bordering State Forest on two sides Build a camp and walk to best hunting Reduced to $19,700 Terms available at $16,000 dn, 10% int, 15 yrs, 5 yr balloon Other lots available W-798

PANARAMIC VIEWS of countryside. 115 acres open & wooded Mobile Home, well & septic system Prime hunting area Long road frontage Exc subdivision possibilities W-905 $49,500

Century 21
THE REAL ESTATERS OF WELLSBORO
120 East Ave., Wellsboro, PA 16901
717-724-5921
Call or write for free list.

CENTRAL PENNA. FARMS

CUMBERLAND COUNTY
270 acre limestone & gravel beef. Modern 2 story frame house, bank barn, implement shed, several silos, creek frontage. Call Mr. Niesley.

19 acres mountain land, $17,000.

7 acre farmette 2 family brick & frame house & brick bank barn. Call. Mr. Niesley.

FRANKLIN COUNTY
30 acre dairy 72 free stalls, double 6 parlor modern 2-story house and tenant house (Invest your time with the cows; let others grow the feed). Call Mr. Niesley.

SNYDER COUNTY
124 acre dairy, 60 comfort stalls, 20x50 silo, he UNDER CONTRACT ame house. Call Mr. Niesley.

MIFFLIN COUNTY
104 acre limestone dairy, 70 head (tie and free), 3 silos, lg. imp. shed, new heifer barn, mod. 2 story frame house. Additional option-125 Holsteins w/17,500 herd avg. and adequate line of mod. farm equipment. Call Mr. Crawford.

(PRICED REDUCED)
118 acre dairy, 50 freestalls, liquid manure, 3 silos, modern 2 story log & frame house w/swimming pool. Call Mr. Crawford.

PERRY COUNTY
8 wooded lots, 1 acre to 1.7 acres. All with septic permits. Deer country $4600 to $9400. Call Mr. Orris.

YORK COUNTY
70 acre general, plush 2 story brick house, bank barn, implement shed, farm pond, 100 yard setback. Call Mr. Niesley.

JOHN B. NIESLEY REAL ESTATE
32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

RICHARD B. CRAWFORD - 717-734-3673
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177
CHARLES D. SMITH - 717-789-3125

For Sale -

2 adjoining farms, very productive soil, spring-fed water supply Two good sets of buildings Large brick house circa 1800, easily accessible from Rt. 83. Will finance 70%. Possible trade on good house, barn and few acres. John Strawbridge, Stewartstown, **301-966-2022**

COMMERCIAL PROPERTY

2 apartments, coffee shop not complete-closed. Licensed beauty shop-operating. 2.2 acres on Rt. 6. New roof, new septic tank & separate utilities Lots of Parking.

Call John

717-945-3723

PRICES REDUCED ON SOUTH MINNESOTA LAND

High Quality Farms in Mower Co. and surrounding area. All sizes, Livestock or Grain. Some Contracts. Call or write for details.

NORB HAMILTON REALTY
Elkton, MN
507-584-6834

OWNER SAYS "SELL IT"

Beautiful Dairy, 286 acres of Hagerstown soil w/approx. 260 T.A. This farm has 3 large one story barns side by side. The newest barn was used only six months; it has 130 tie stalls w/the heads together, overhead doors on each end to enter for feeding w/total mix wagon. There is a Boumatic double six parlor w/auto. take offs & computerized prod. records - 2000 gal. Bulk tank - fre-heat & Bath Room. 300,000 gal. Slurry Store & 2-25x80 blue silos. #2 bldg. has free stalls in it & #3 bldg. is a round roof bldg. perfect for equip. storage. There is also a very large garage & equip work shop. House w/new bldgs. is a frame bldg. comp. renovated w/elec. heat new kitchen & laundry & swimming pool.

Another set of farm bldgs. w/brick house & large L shaped Bank Barn. Also silo, corn barn & heifer barn. There is an existing mtg. which can be assumed.

This is a very nice operation in a very prestigious farm community. Please don't call unless you want a very unique opportunity for a large operation at a very good price.

FARM & HOME REAL ESTATE
Smoketown, PA 717-291-2270

Sylvester Baum	Harlan Keener	Mahlon Oberholtzer
Carlisle	Willow Street	Lancaster
717-776-3967	717-464-2669	717-392-1177

Broker-J. Irvin Denlinger
717-898-8962

TWO NEWLY LISTED FARMS

Northern Lancaster County -
Farmer or Developer

Zoned R-1 Prime Location. Presently a productive operating Dairy farm, nestled by the creek and covered bridge. Includes a family size brick home, equipment sheds, silos, large barn, etc
A friendly atmosphere will truely greet those looking for the Homestead to settle Whoa there, Pull the reins! Seller even will cooperate with financing

Lebanon County Executive (Horse) Farm

Tranquil Seven (7) Acre Lake. Only minutes from Lebanon/Myerstown area Acres of fertile level to slight grade soil. Two family totally remodeled masterfully brick farm home. Brick and frame large bank barn Financing Available This setting is truely unsurpassed

Century 21
Hoffer & Assoc.
9 West Main St.
Ephrata, PA 17522

SELLING? LIST IT WITH US
Listed by:
Paul K. Landis
Auctioneer/Realtor
Assoc.
Farm & Country rep.
Home 717-354-8453
Office 717-738-4261

SHEETZ REAL ESTATE RAY N. WILEY INC.

323 W. Main St.
Mount Joy, PA
CALL 653-1481

FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

WIMPLE REAL ESTATE STATEWIDE FARMS

MOHAWK VALLEY

MILKING FACILITIES FOR 96 on this productive 300 acre farm with 285 tillable. All large farms in this area Barn has 96 stalls plus large heifer facilities, pipeline, 16x40 concrete silo w/ Jamesway unloader, 20x80 Harvestore w/auto feeder Several other barns. Good brick home plus tenant house and mobile home. INCLUDES: 89 milkers, 90 heifers, 4 tractors and very, very long line of machinery JUST LISTED! $375,000 or will divide. CALL WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

SOUTHERN JEFFERSON COUNTY

THIS DAIRYMAN WANTS TO RETIRE NOW!!! Farmer puts a bare-bones price for a quick sale Farm has 240 acres good alfalfa and corn land in pretty farming area. Mostly open. Very good 44 tie barn has cleaner, 14x50 unloading silo, bulk tank. The ranch home is only 4 years old and large basement suitable for more living area INCLUDES 35 milkers, 3 tractors and complete line of hay and corn equipment. JUST LISTED! $125,000 CALL WIMPLE'S GOUVERNEUR OFFICE: 315-287-4163

COBLESKILL AREA

PICTUREBOOK FARMSTEAD: 160 acres on this farm and owner sells feed. Excellent barn for high-priced herd has 42 large ties on 2" Surge pipeline, Patz cleaner, 2 silos. Very nice 4 bedroom ranch home with attached garage. INCLUDES: 40 milkers, 20 heifers, nice line of machinery for $187,000 JUST LISTED! CALL WIMPLE'S SLOANSVILLE OFFICE: 518-875-6355

- FREE DAIRY CATALOGUES -

Pennsylvania

BERKS COUNTY

111 acres, 85 t., general farm, features 2½ story double stone home. Set back from road, 12 rooms, 2 baths. Lg. bank barn, wagon sheds and much more. Boyertown area. $280,000.

76 Acres General Farm - 2½ story brick farmhouse, needs work, 2 story bank barn, double corn crib, large stream, private setting, $150,000

MONTGOMERY COUNTY

82 acres, 65 till., balance woodland & pasture w/stream, general farm, 2½ story 5 bedrm. house /LR, DR, Kitchen & bath, bank barn & other buildings, ~~$250,000~~ $235,000

60 acre general farm, Boyertown area, lovely new 4 bedroom colonial w/large eat in kitchen, living room, dining room, sunken recreation room, den & 2½ baths and a private setting, $265,000

JUNIATA COUNTY

58 acre, open and wooded, 2 story brick home, kitchen, living rm., dining rm. & bath, and 3 bedrooms, stable and corncrib, good hunting-fishing area, $68,000.

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE
Rt. 100 Hereford, PA 18056
Ph: 215-679-5919

SCHUYLKILL COUNTY

234 acre woodland tract, joins state gamelands, borders Rt. 81 & secondary road, Pine Grove area, good hunting area, call for details, $175,000.

SNYDER COUNTY

65 Acre general farm w/88x45 barn w/block addition. Large 90x36 implement shed, lg. combination corn crib & shed. Lovely 2½ story home w/kitchen, dinning room, living room 3 bedrooms & bath Completely remodeled $125,000 #344.

BRADFORD COUNTY

100 acre, 80 T dairy farm, features 54 stall barn, barn cleaner, 16x50 and 16x60 silos, 20x30 Harvestore silo, w/unloaders, 60' bunk feeder, large pole barn, 800 gal. bulk tank, lovely 7 room home w/modern kitchen and bath, all for $150,000. #376

235 acre dairy farm, 125T, 3 bedrm. brick ranch house w/large l.r., kitchen & bath. Features new 50 cow stall barn w/pipeline milker, bulk tank, etc. 2 story bank barn for dry cows & heifers, 14x40 and 20x60 silos and bunk feeder, $300,000.

5 acre Dairy Farm. Modern 74 stall dairy barn. Bulk tank, steel pipe line, barn cleaner. 20x32 Harvestore silo and 20x60 concrete silo. Manure storage. Modern Ranch home with 4BR's, Kit., DR, LR, Bath and Den. $145,000. Also second house available

BUCKS COUNTY

145 Acre jug milk farm superb facilities, lg. store & sales area, 3500 gal. milk holding [illegible]y, modern processing facility including ice [illegible]5 cow free stall, 5 lg. silos, lg. heifer fac[illegible]es & 1 single home, shop, storage shed[illegible]ngs, 200 cows, 250 heifers, full line of machine[illegible] additional rental acreage available. Call for details. $900,000

SOLD

TIOGA COUNTY

800 Acre Dairy Farm. 400 T. 2 very good, lovely homes. 83 stall dairy. barn. Steel pipe line, 1000 gal. tank and barn cleaner. (2) 16x60 and (1) 14x40 silos with unloaders. Large heifer barn. $365,000. Full line of machinery and cattle available.

SUSQUEHANNA COUNTY

102 acre w/14 acre natural lake, 69 acres hardwood forest, large modern ranch house w/two & one car garage, kitchen, dining room w/enclosed deck, living room w/stone fireplace & cathedral ceiling, 5 bedrm., 2½ bath, workshop, 2 family rooms and apartment w/2 bedrooms, kitchen, living room, family room, bath. Also 2 cabins (one winterized) and cabin-site w/well & septic adjoins state gameland. 15 minutes from Elk Mountain ski area $160,000

520 acre dairy farm, w/120 acre approved land fill, 165 acres tillable, new 69 tie stall barn, 20 free stalls, modern milking parlor & liquid manure system, 2 large sheds, large main dwelling & 2 double houses and trailer 24x65 concrete silo, 20x80 and 20x40 Harvestore silos, 105 cows, 35 heifers, 3 large bull dozers and full line of machinery, lock stock & barrel $1,200,000

COLUMBIA COUNTY

180 acre dairy farm, 118 tillable, 36 stalls, bulk tank, several sheds & second small barn, corn crib, 2 silos & grain storage bins. Lovely 2 story farm house with 9 rooms & 1½ baths, remodeled Slightly rolling & level good ground $225,000, make an offer, reduced $175,000 #310

187 acre dairy farm, 170 T, pasture w/stream, 2 solid and lovely farm houses, 130 free stall barn, 70' bunk feeder, harvestore and concrete silos w/unloaders, 2 large trench silos, large machinery shed, 2 large heifer sheds and much more. $530,000.

NEW JERSEY

80 acre dairy farm, gently rolling to level, streams & pond 2½ story home with 4 bedroom[illegible] baths, large remodeled kitchen, dining r[illegible]60 stall barn & 80 freestall milkhouse, [illegible], large shop, new large machinery shed & cor[illegible]b, 14x40 concrete silo & 200x25 trench silo. $250,000

SOLD

36 REAL ESTATE

CENTRAL NYS
FINGER LAKES REGION

742 acres with 420 of very productive soils 200+ free stalls. Double 6 parlor 25x80 harvestore plus 80x160 Bunk silo. Excellent agricultural area asking $475,000. with very large assumable mortgage.

Syracuse Area - The owner of this 1,000 acre 200+ cow farm complete with Slurrystore plus 6 silos and all modern buildings will offer an unusual opportunity to anyone interested in purchasing cattle and manage the herd. This could be an excellent opportunity.

These are just a few of the opportunities we have available. Please call Chip or Kathy Pratt at 315-497-0155 and let them know what you are looking for.

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140 East Main Street
Cobleskill, New York 12043
518-234-4371

LANCASTER COUNTY

AMISH DAIRY
Ready-to-go w/40 tie stalls, 2 silos, horse stable, bank barn, loose housing barn and shop area. 85 acres - 75 tillable. 2½ story double house. Call 717/464-4700. $375,000.

60 ACRE DAIRY FARM
20 comfort stalls, 280 gallon milk tank w/large barn and other out buildings in good condition. 3 bedroom farm house. Mt. Joy Area. $165,000.00. Call 717/464-4700.

135 ACRES
Ready-to-go dairy farm. April 1st possession. Under $3,000 per acre. Call 717/786-2131.

43 ACRES
General farm w/2½ story farmhouse with 2400 sq. ft. living area. Good outbuildings. $250,000. Call 717/786-2131.

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S Main Street — CHOICE DAIRY FARM with 97 acres, frame barn, bank barn, milking stable, road frontage, near town, only 275,000. List with Lawrence Stouffer

Rench Road — DAIRY FARM with 215 acres, free stall barn, 32 cow dairy barn, pipeline milkers, 100 cow set up, good soil, only 335,000. List with Lawrence Stouffer

8897 Ft Loudon — DAIRY FARM with 180 acres, 42 cow operation, milking barn, bank barn, machine shed, 6 bedroom farm home with lots of road frontage, only 250,000

We have other farms available, give us a call.

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301-733-3701

AVAILABLE FARMS
LANCASTER CO. LISTINGS

LIMESTONE 70 ACRE
WEST LAMPETER TWP.
Operating dairy farm, 60 free stalls, 30 comfort stalls, pipeline DeLaval system, 18'x60', 20'x60' silos with unloaders, Patz feeder, very good buildings, Colonial brick home, 4 bedrooms. Modern kitchen, road frontage, Call for details.

CENTRAL PA.
ATTRACTIVE ASSUMABLE MORTGAGE
Operating dairy farm, 296 acres, 105 tillable acres of Limestone & silty loam soil, 50 modern tie stalls, 800 gal. tank, pipe line, modern dairy set up, 18'x70' silo w/unloader, modern 3 bedroom house with new kitchen, plus tenant house. Approx. $220,000 of assumable mtgs. Price $275,000.

SEE WHAT $60,000 BUYS
Holiday Special!
70 prod. acres, mostly till. Secluded setting, only 5 min. to town & I-80

OWNER FINANCING 10% INTEREST
Juniata Co. operating dairy farm. 135 ac., good corn & alfalfa ground, including some good timberland & meadow. Hip-roof, barn, show-ease comfort stalls, silo, milk tank, stone 4 bedroom home with oil hw heat. **Special Owner Financing.** Frontage on Rt. 35. Extra land available for rent. Priced to sell for about $1250 per ac. Call for details.

Building Lots and acreage, 1 to 17 acres. Close to Rts. 11-15. Juniata Co. View of Susquehanna River. Priced $5900 to $19,900.

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or Ephrata 717-733-3344
REALTOR

- **WOODHULL AREA 385A,** 318 A Tillable, 45 A wooded DAIRY FARM 13 RM 7 B R. Home w/2 Car Garage Main Barn, 125x36, 6 yrs old 50 Ties S.S 2" Pipeline Milkers, 1000 Gal Bulk Tank 33x53 Heifer Barn. 20x40 Dry Cow Barn & Machinery Shed 2 Silos w/Unloaders, 2 Pit Silos 2 Yr old Work Shop, 24x40. $250,000 Terms #2093
- **CASH CROP FARM NEAR ADDISON,** 100 A Farm, 40 A Tillable, 15 A Pasture, 35 A Wooded 36x48 Barn w/14 Ties Outbuilding Older Home in need of repair Mobile Home hook-up w/Septic & Water $35,000 Terms #2077
- **325 A. DAIRY FARM.** 176 A Tillable, 40 A Wooded 6 B R 2 Bath Home, Main Barn 150x56x36 w/79 Cow Ties, Gutter Cleaner, Pipeline Milkers, 1500 Gal Bulk Tank, 2 Silos w/Unloaders. Newer Quanset Barn w/Concrete Deck, 40x80 Machine Shed, 2-1000 Bu Grain Bins, Corn Crib $259,000 #2075
- **385 A. DAIRY FARM** 200 A Tillable, 70 A Pasture, 75 A Wooded Main Barn, 36x160x40x65 w/63 Tie Stalls, & 3 Box Stalls Pipeline Milkers Horse Barn, 30x60, New 40x64x14 Shed, 3 Silos, 1000 Gal Bulk Tank, Other outbuildings, Pond Main house, 12 Rm 7 B R 2nd House, 2 B R Both in good shape, Terms #2201
- **625 A. DAIRY FARM,** 350 A Tillable, 100 A Pasture, 100 A Wooded Main Barn 36x160x40x65 w/63 Tie Stalls Main Barn 84x184, 160 Freestalls, Dbl 8 Herringbone Milkers, Barn #2, 45x184 w/Silo, 3000 Gal Bulk Tank 90x100 Older Barn w/2 Silos 2 Story Grainery, 50x30 2 story Calf Barn, 50x100 Quanset Tool Shed 50x200 Trench Silo 2 Houses, 4 car garage #2043
- **124 A. GEN. FARM, ADDISON AREA.** Nearly all tillable 7 Rm House & garage Main Barn, 50x30x36x36, 30 Ties, 3 Bay Machine shed, Tractor Shed $20,000 Down w/10% Int for 20 Yrs #2194
- **285 A. Colonial Style 6 B.R. Home, Savona, Bradford Area.** Gen Farm, 145 A Tillable, 20 A Pasture, 140 A Wooded, Some Comm Timber Main Barn 87x34x60x35 w/45 cow ties Silo $95,000 #2184
- **215 A. GENERAL/BEEF FARM CAMPBELL AREA.** 190 A Tillable, 25A Wooded, Creek thru property, 4 Wells Main Barn, 80x32, 28x45, 30x60 3 Silos All good condition Machine shed Some Equipment Avail 12 Rm Home in Exc Condition $125,000. Terms Avail #2176
- **556 A. CASH CROP FARM.** Excellent for Beef Ranch. Main barn damaged, but repairable, 170x90, Freestalls Dbl 8 Milk Parlor 3 Silos, Heifer Barn, 2 Story Lg Machinery Shed w/112 Calf Pens, 3 Ponds 3 Houses, 2 Car Carriage Barn/Garage $365,000. Terms Avail #2145
- **50 A. Corning Area.** 17 A. Now planted in various types Christmas trees More Acreage ready for future planting Also 15 A Mixed Hardwood, 11 A Larger Evergreens. Creek thru Property $28,500 Terms Avail. #2185

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Franklin Co.
268 acres modern dairy w/double 6 parlor, 210 free stalls, limestone land.

190 acres, 150 tillable of limestone land, large barn, modernized home.

100 acres open land w/70 acres tillable, near Gettysburg.

20 acres woodland near Hanover, excellent development potential.
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Van Cleve Real Estate
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anytime

FARMS FOR SALE

- ★117 acres (100 open) stone house, stone garage, barn, silo and spring house, rolling terrain, water view, asking $1,750/acre. Federal Land Bank financing available.
- ★147 acres (131 tillable) highly productive, 2 homes, operating hog set up, very impressive farm, with major highway frontage, possible seller financing.
- ★208 acres (Cecil County Riverfront) several homes, extensive road frontage, farm buildings, magnificent main residence, spectacular views.
- ★139 acres (123 tillable) 2 miles road frontage (farmhouse & buildings), asking $2,517 per acre, sellers may finance.
- ★230 acres (dairy) 158 open, farmhouse and buildings, pond, pool, airstrip, (Cecil County) asking $2,000/acre.
- ★96 acre **VERY MODERN DAIRY OPERATION,** 12 cow clay trigon parlor, 170 free stalls, 3,000 gallon milk tank, 160,000 gallon manure tank, several out-buildings, farmhouse, asking $575,000, more land available.
- ★396 acres (353 tillable) 3½ miles of road frontage, farmhouse and out-buildings, asking $2,358/acre.

For additional information or list of available farms please contact: A. John Price or Bill Cissel
Land and Farm Division
Patterson-Schwartz, Realtors
(302)737-4660

SANFORD G. LEAMAN, REALTOR

717-569-4264
Auctioneer

ESTATES • APPRAISALS • LIQUIDATIONS

BRADFORD COUNTY
110 acre operating dairy with new 40 stall cow barn, 14x50 silo, large home being remodeled This farm can be purchased with or without stock Selling due to health Priced right at $155,000 00

192 acre operating dairy w/110 tillable fertile acres 60 cow tie stalls on pipeline, tank & barn cleaner, 3 silo's with unloaders, and a lovely 3 bedroom house Under $200,000 Call Dave

Real sharp 106 acre dairy with 50 cow barn on pipeline Barn cleaner, bulk tank, machine shed, 4 silos with unloaders, bunk feeder 3 miles from Wyolusing $165,000 with $130,000 FHA assumable 4 bedroom home with oil heat and oil hot water heat 1½ baths

Operating 345 acre dairy farm with an access of 180 acres tillable plus approx 80 acres or more pasture Balance, woods and timber Beautifully modernized 200 year old home plus a second home 54 tie stalls, milk house, bulk tank, silo with unloader Room for young stock. Can be bought with stock and equipment for a turn key operation Call David and Laura Cooley 717-744-2587

CENTRE COUNTY
87 acre dairy with new buildings since 1979 There is a 4 bedroom house and it is located in Amish area There is no electric so you can modernize as you wish Priced for a quick sale at $125,000 00 but open to offers

HUNTINGTON COUNTY
130+ acre dairy, excellent farm with private financing Call 717 569-4264
85 ac woodland near Orbisonia Subdivision possible
191 ac General farm in the Three Springs area Excellent for subdivision with good amount of road frontage

LANCASTER COUNTY
Modernized Stone Farm House with Large Bank Barn with Attached Tobacco Shed, Corn Barn on 62 Acres of Excellent Farmland This One Is Ideal For an Executive Horse Farm, Hog Farm or whatever you wish Manheim area

NORTHUMBERLAND COUNTY
Dairy farm with brick house, 12 cow milk stable, 2 Star silos w/unloaders lg 40'x132' commercial bldg priced for quick sale and possession

PERRY COUNTY
68 acres in Blain area with house, barn, and cabin ideal for a sub-division There are approx 10,000 fir trees planted for your future sale & income, 717 536-3236

SNYDER COUNTY
Dairy farm Rent with option to buy Available immediately
101 acre dairy west of Middleburg, 4 bedroom house with 1½ baths, dairy barn with 29 tie stalls but could expand, 2 silos & out bldgs, under $2,000 00 per acre SPRING POSSESSION

TIOGA COUNTY
98 acre dairy with 58 tie stalls, 1000 gal bulk tank, pipeline, barn cleaner & unloaders in the silo's and 4 bedroom house Land Lease is available Call Dave & Laura at (717) 744-2587
Dave just got a price reduction on his 345 acre Bradford Co farm so do yourself the honors and call him

UNION COUNTY
Modern free stall dairy operation on 70 acres of prime farm land with 150 rented from a nearby farm that can be purchased Mifflinburg area Call today for all the details It's priced right CALL SANDY LEAMAN 569-4264

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101 White Oak Drive
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DAIRY BARN FOR RENT

Excellent condition, located in Northern Chester Co w/38 tie stalls 7 box stalls, setup for pipeline milking Also has barn cleaner & cement floors Excellent facilities for vet who does embryo transplants For information please write

Lancaster Farming
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NY'S Heart of the Valley & Top of Our List

Do you like Harvestore silos & John Deere equipment??
(You'll love this setup)

Spectacular view & setting overlooks the heart of the Mohawk Valley. Start working this 250 acre high lime alfalfa ground on a J.D. 4430 4WD Turbo Diesel & follow up with an enormous line up of John Deere & New Holland's best. (5 tractors plus dozer incl.) Over 120 high grade Holstein cattle. 88 stall barn plus large heifer facility, 2" pipeline & 1250 tank. Great 2 family home. Potential here is unlimited & holds terrific investment possibilities. Complete price $345,000 w/terms.

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Over 250 farms available.

GRADE A DAIRY FARMS IN NW WISCONSIN PRIME FARMING COUNTRY

220 acres, 160 tillable. Barn with 70 tie stalls, pipeline and cleaner. Bulk tank, machine shed, 3 silos. Personal property inc. 4 bedroom house. $239,950.

180 acres, 110 tillable. Barn has cleaner and pipeline, 3 silos, farm buildings. 2 houses. Trout stream runs through property. $170,000.

160 acres, 100 tillable. 38 tie stall barn with pipeline and cleaner, bulk tank, 3 silos with unloaders. 3 bedroom house. $169,950.

Many other farms and hobby farms.

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or Call 715-822-2321

CENTRAL PA FARM LISTINGS

CENTRE COUNTY

FARMETTE - 10 acres with large stone house built in 1800's, large barn, small stream Near Centre Hall $124,500

FARMETTE - 10 acres with an excellent 4-bedroom 8-year-old house, bank barn in good condition, new pole building, small stream Near Centre Hall Reduced to $110,000

RECREATIONAL FARM - 120 acres (35 tillable, 83 woodland, 2 site), 2-story home, 3-room cottage, bank barn, wood house, smoke house, chicken house, and implement shed-corn crib combination Julian area $94,500.

RECREATIONAL OR FISH FARM - 137 acres (62 tillable, balanced pasture and woodland), 3 large ponds, large recreational building, 2-story house (fair condition), 3 large ponds, large recreational building, 2-story house (fair condition), 2 trailers, secluded setting Near Spring Mills $149,500 Ideal for fish farming

GENERAL FARM - 154 acres (69 tillable, 26 pasture, 56 woodland), very sound 2½ story brick house, bank barn, garage, pond, nice setting Near Potters Mills, $199,500 Buildings and 55 acres (42 tillable) can be purchased for $144,500

DAIRY FARM - 131 acres (109 tillable, balance pasture and site) 2-story log house with aluminum siding, bank barn with 33 comfort stalls, pipeline milker, milk house with bulk tank, 18'x60' and 12'x45' silos, good outbuildings, nice setting Near Millheim $249,000 Owner Financing

GENTLEMAN FARM - 82 acres (53 tillable (productive and relatively level), balance pasture and woodland) Sound 2-story house, new 30'x64' Agway barn, 35'x60' concrete block garage/workshop, nice setting Near Centre Hall $158,000

CLINTON COUNTY

LIMITED ACREAGE HOG AND DAIRY FARM - 14 acres with a 2-story dwelling, bank dairy barn with 37 tie stalls, gutter cleaner and bulk tank, 14'x50' silo with unloader, 400 head capacity Nebraska style hog finishing building, 3 bay garage/workshop $115,000 36 acres of tillable Hagerstown soil available at $1,500/acre Owner Financing 9% interest, 28 years, no call provision

COLUMBIA COUNTY

HOG AND BEEF FARM - 233 acres (130 productive tillable, 19 pasture, 79 woodland) Excellent house, good barn adapted for farrowing and finishing hogs, outbuildings, nice setting $275,000 10% Owner Financing

HUNTINGDON COUNTY

HORSE FARM - 15 acres with 28'x44' ranch home, 50'x100' horse barn with stalls, 24'x36' insulated garage/shop, small stream, and nice location Allensville area $110,000

LIVESTOCK FARM - 419 acres (approx 220 tillable, 140 pasture, 59 woodland) Buildings include a brick home, 2 barns, garage, 2 silos, 2 large equipment sheds 3 ponds are situated near the buildings $345,000 Owner Financing

GENTLEMAN FARM - 103 acres (approximately 50 tillable and pasture, 40 woodland), sound well maintained 2-story frame house, 18'x31- 2-story barn, very nice setting $99,500

DAIRY OR GENERAL FARM - 129 acres (70 tillable, 52 pasture, 7 woodland and site) Sound 2-story aluminum-sided house, bank barn with 43 tie stalls and new gutter cleaner, milk house, 14'x60' Lancaster silo, new 40'x60' implement shed, pond and swimming pool Near Petersburg $159,500

GENERAL OR RECREATIONAL FARM - 146 acres (25 tillable, balance pasture and woodland), 40'x60' bank barn, excellent water supply with 2 springs, pond, stream Very poor house 8 miles southwest of Huntingdon $100,000 OWNER FINANCING

RIVER BOTTOM FARM - 55 acres (45 6 tillable), frontage on old Route 22, substantial Juniata River frontage Ideal for truck crops and roadside marketing OWNER FINANCING $99,500

LYCOMING COUNTY

LIVESTOCK OR DAIRY FARM - Near Lairdsville, 270 acres (165 level, very highly productive tillable) Good 2 story house, bank barn, 60'x120' cattle barn, suitable for freestalls, 20'x60' Harvestore, 2 streams Owner financing $325,000

RIVER BOTTOM FARM - 93 acres (71 tillable), excellent stone and frame house, sound implement shed, workshop building, large bank barn with 25 stanchions, 3,500 bushel grain bin, substantial Susquehanna River frontage, Class I land 10% OWNER FINANCING Muncy area $250,000

RIVER BOTTOM LAND - 41 acres (38 tillable) with road frontage on Pa Route 405 This is a portion of the farm listed above 10% OWNER FINANCING $82,500

NORTHUMBERLAND COUNTY

FARMETTE OR LIMITED ACREAGE DAIRY FARM - 27 9 acres (19 tillable, balance pasture), sound 2-story home, good 1½-story Cape Cod home, bank barn with 35 stalls, implement shed Near Milton. $99,500

MANY LAND PARCELS AND FARMETTES AVAILABLE
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FARM AND LAND DEPARTMENT

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(Bedford) Richard D. Reed (814) 839-4271
(Huntingdon) Rachel Port (814) 669-4194
Don Myers (814) 422-8111
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Lykens Valley, 100 acres, dairy barn, new tobacco barn, 90 tillable, nice level land, 3 to 4 bedroom home, excellent owner financing, 9% Interest Low Down. $200,000. Call Peter.

110 acre farm prime land, large home, 90 tillable, large bank barn, owner wants to sell, make offer. $179,000. Call Peter.

Lykens Valley 90 acres, 85 nice level tillable, 3 bedroom home, barn, $225,000. Owner financing. Call Ralph.

Danville-140 acres, 85 tillable, house, large barn for beef. $159,000. Call Peter.

Executive Farm 118 acres, 100 acres tillable $289,000. Call Peter.

63 acres, 50 tillable, 42,000 bushel grain bins, elevator & dryer, $165,000. Call Peter.

60 acre farm, $79,000. Call Peter.

400 acre, 600 acre, 400 acre farms. Call Peter.

98 acre campground, Call Ralph.

68 acre campground, Call Peter.

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Peter B. Cortelyou, Broker 717-758-9177
Ralph Deibler, Salesman 717-692-2587

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CUMBERLAND CO.

85 acres general. Bank barn, pole implement building, 2 story frame dwelling, stream, road and creek frontage Owner financing

80 Acres all crop land, Murrill soil, 54x108 Morton Pole building w/concrete floor 30% of interior walls reinforced for grain storage, well water No Dwelling over 2,000' of road frontage

62 acre general 36x40 western bank barn, 4 bedroom log (Covered w/aluminum siding) dwelling, pond

153 acre dairy 40 comfort stalls additional lounge area, DeLaval pipeline milkers 1500 gal tank Patz stable cleaner, 2-story brick dwelling road frontage, beautiful view

60 acre beef & hog. Limestone soil, road frontage, 3-bedroom log dwelling

FRANKLIN COUNTY

49 acres general. Limestone soil All tillable & level land, bank barn silo & other outbuilding 4 bedroom dwelling 1½ [SOLD] 3000' road frontage Near Shippensburg

150 acre m/l dairy. 73 tie stalls 800 gal Girton tank, dumping station, DeLaval milkers 16x50 stave silo Badger stable cleaner, stream through pasture, road frontage, 9 room brick dwelling, needs some repairs Just $160,000

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 776-7707

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NORTHCENTRAL PA
Potter & Tioga Co.

REDUCED ★ REDUCED!

Just reduced for a quick sale is this camp on 8.6 Ac. in prime hunting area. Comfortable year-round with indoor plumbing & shower, wood heat, electric, septic & developed spring. Frame camp w/loft all in excellent condition. Great for the avid sportsman. In N.W. Tioga County at $12,900. C-1183

MODERN VEAL FARM

240 calf capacity in 2 like new buildings. 112 crates, 130 in 4 pens w/automatic feeders. Nat. gas heaters, auto ventilation system, 35 KW generator, 25,000 gal. cement manure pit. All necessary equip. included. turn key operation with 3 bedroom trailer in 5.3 acres. Excellent income in N.E. Potter Co. for $89,500. C-1222

DAIRY FARM FOR RENT

181 acre farm with 56 cow barn ready for operation. Pipeline, 600 gal. bulk tank , 2 silos. Immediate occupancy at $800 per month lease negotiable. Keeneyville area. Ask for Dick Anthony.

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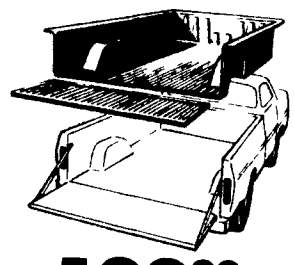

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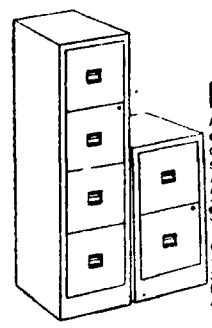

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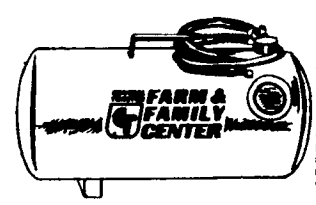

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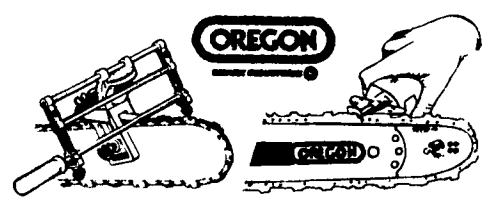

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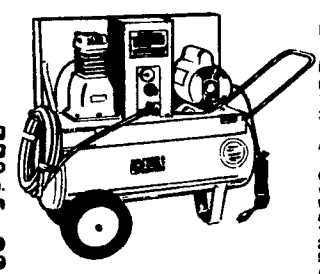

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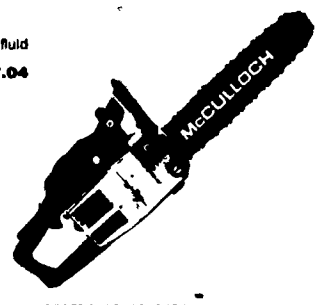

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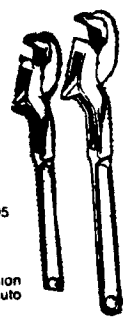

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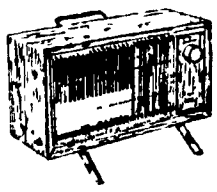

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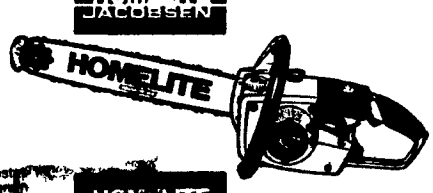

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Homelite® Super EZ®
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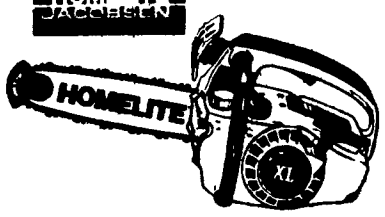

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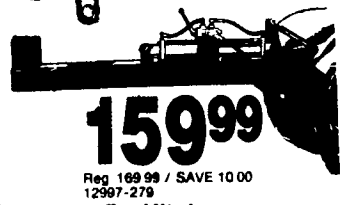

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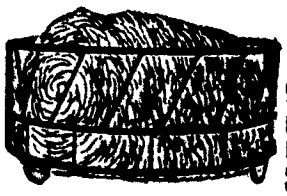

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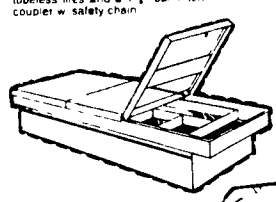

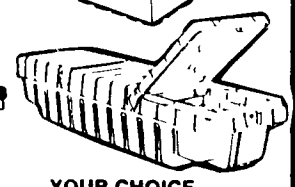

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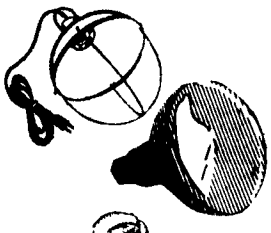

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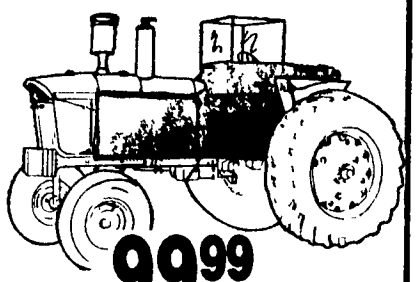

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Columbia DHIA cites Jurbala

BLOOMSBURG – Leading the Columbia County DHIA for the recently completed testing year was the herd of Frank and Jan Jurbala of Orangeville. Their fifty cow herd of registered Holsteins averaged 21,654 pounds of milk and 822 pounds of butterfat. Following the Jurbala herd was Richard Kriebel, Benton, who averaged 774 pounds of butterfat and 20,336 pounds of milk on the 47 cow herd of registered and grade Holsteins. And the Schultz Brothers herd, Bloomsburg, had 18,493 pounds of milk and 764 pounds of butterfat from 70 registered Holsteins.

There were 60 members and friends attending the annual meeting on Nov. 17, where recognition was given to high herd averages and herds with outstanding increases in production. William Blissinger, Bloomsburg, posted an increase of 2559 pounds of milk and 104 pounds of butterfat over the previous year on his herd of 36 Holsteins. There were five herds with over 700 pounds of butterfat and fourteen more herds that exceeded 600 pounds of butterfat. Robert Bronson, Bloomsburg, received an award for having the lowest average somatic cell count for the year.

Columbia County's DHIA average for 1984 was 15,790 pounds of milk and 605 pounds of butterfat. There were 38 herds that completed the year with 2325 cows on test.

Top lifetime producers in the county were: "Milly", a 12-year-old Holstein at Pen-Col Farms with 233,682 pounds of milk and 8431 pounds of butterfat in nine lactations; "Vallie", a 12-year-old Guernsey in the Albert Hack herd of Berwick, with an eight lactation total record of 109,472 pounds of milk and 5,306 pounds of butterfat. These cows are still producing and adding to their life-time records.

Other herds with distinguished life-time records were: Fred J. Hess, Benton; Shultz Brothers, Bloomsburg; Jack W. Dent, Berwick; Hunter Crest Farm, Orangeville; Robbins Farms, Bloomsburg; Richard Kriebel, Benton; Thunder Bird Farm, Benton; Robert C. Bronson, Bloomsburg; Lyons Den Dairy, Millville; Glenn Bowman, Bloomsburg; Richard D. Wenner, Stillwater; Fairwood Farms, Berwick; Hosler Brothers, Berwick; Frank Jurbala, Orangeville; Tri Vale Farms, Bloomsburg; Barry Wise, Benton; Robert Schlichter, Benton; John Turofski, Catawissa; Faus Triple Run Farms, Millville; and William Bissinger, Bloomsburg.

Following is a list of dairymen who posted 700 pound butterfat averages this past year: Frank Jurbala, Richard Kriebel, John W. Turofski, Circle C. Farms, and Shultz Bros.

Potato breeder honored

ITHACA, N.Y. – Cornell University scientist Robert L. Plaisted, who specializes in potato breeding, has been elected an honorary life member of the Potato Association of America (PAA) for his "many accomplishments and contributions" to the nation's potato industry.

PAA also cited Plaisted for his meritorious service to the organization. He is one of four scientists so honored this year at the PAA's 68th annual meeting of the University of Maine at Presque Isle. In 1971-72, Plaisted served as president of the group, which has more than 1,700 members in the United States and 80 other countries.

Plaisted is a professor of plant breeding in the New York State College of Agriculture and Life Sciences at Cornell. He served as chairman of Cornell's department of plant breeding and biometry from 1964 to 1979.

Plaisted is on a team of Cornell scientists that has developed several new potato varieties including "Bake-King," a baking variety of exceptional culinary quality, and "Rosa" and "Hudson" that have built-in resistance to the golden nematode, an important potato pest in New York State. Another golden nematode-resistant variety developed by the same group is being readied for commercial use soon.

Born in Hornell. N.Y.. Plaisted received the B.S. (1950) from Cornell, and the M.S. (1954) and Ph.D. (1956) degrees from Iowa State University.

WAYNE COUNTY DHIA
October, 1984

James Slocum, Susquehanna, had the leading dairy herd in the Wayne County in the October test period, according to the Cooperative Extension Service The herd of 31 Holsteins had a rolling herd average of 20,233 pounds of milk and 775 pounds of butterfat

Other top herds were Kevin Burleigh, Pleasant Mount, 20,960 milk and 773 fat, Kinghill Farm, Starrucca, 19,700 milk and 763 fat, Paul Kennedy, Honesdale, 21,144 milk and 739 fat, Robert Fries, Aldenville, 18,212 milk and 726 fat, Rowe Brothers, Honesdale, 18,262 milk and 709 fat, Glover Brothers, Starrucca, 18,326 milk and 707 fat, James Woodmansee, Lake Como, 17,614 milk and 691 fat, and Golden Willow Holsteins, Honesdale, 19,668 milk and 678 fat

The cow completing the highest lactation of 305 days or less during the October test period was a 7-year-old Holstein owned by Randy Howell, Waymart "Tess" produced 30,625 pounds of milk and 1158 pounds of butterfat

Other top producers were "Tess" owned by James Slocum, Susquehanna 29,828 milk and 1127 fat; "JoJo" owned by Robert Fries, Aldenville, 20,425 milk and 1023 fat, "Polly" owned by Rowe Brothers, Honesdale, 24,290 milk and 987 fat, "Lettie" owned by Don B & Wm R Bryant, Honesdale, 24,929 milk and 934 fat, "Joy" owned by Kinghill Farm, Starrucca, 20,995 milk and 915 fat, "4101" owned by John Worobey, Thompson, 20,660 milk and 901 fat, "5982" owned by Robert Fries, Aldenville, 19,881 milk and 889 fat; "Beverly" owned by Hayson Farm, Starrucca, 24,090 milk and 886 fat, and Robert Fries, Aldenville, 20,201 milk and 878 fat

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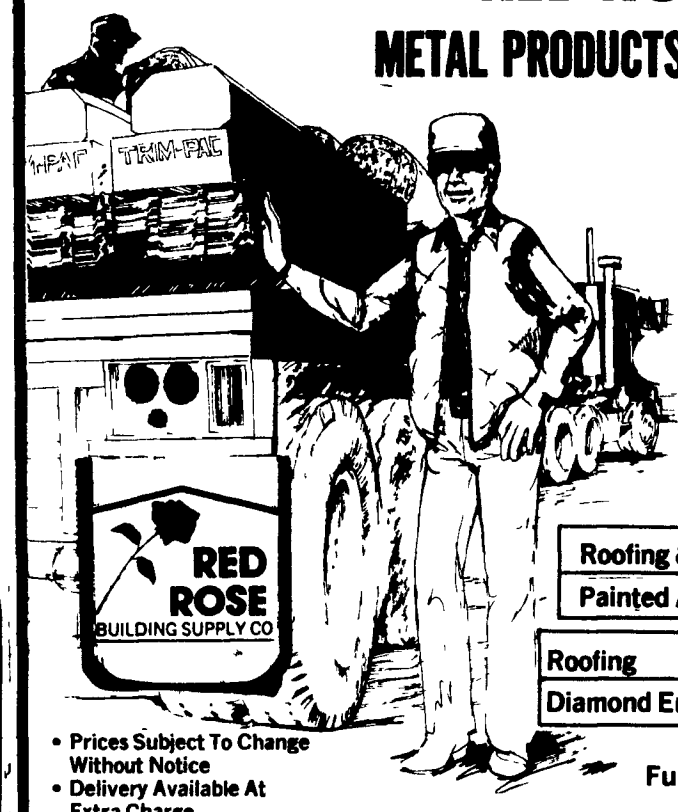

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Roofing	13'6"	15'7"	18'9"	21'9"
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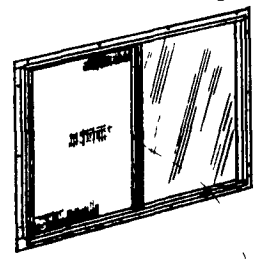

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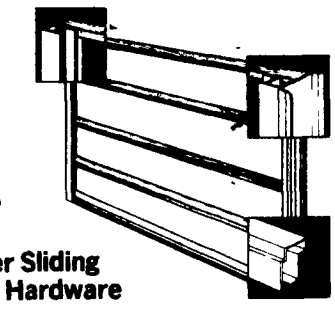

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Corn standability can be improved

DeKALB, Il. — Corn farmers frequently ask why one hybrid will stand through harvest while another across the fence suffers lodging and is difficult to harvest. Corn plant standability is a reflection of how that variety reacted to physical or physiological stresses during the growing season.

Physical influences are easy to determine, since the damage can be seen and examined. Physiological stresses are more difficult to assess since most of them occur inside the palnt and the contributing factors are complex.

Items that can cause physical stress to a corn plant include things such as insects, hail, wind, and (indirectly) herbicides. Insects or hail can cause cavities in the plant and reduce the stalk's structural strength. As the plant matures and begins to dry down, it naturally losses some of its strength.

If, in addition, a borer or hail mark has destroyed part of the stalk, the plant may not hold itself up under the weight of the ear or in a wind. Stalk rind thickness and strength is one trait that researchers and agronomists like to see in corn, since a damaged thick rinded corn may still stand satisfactorily.

Growth hormone herbicides such as 2,4-D can affect standability. They can cause a growth spurt that leaves a section of stem with thinner cell walls that are mechanically weak. Small fissures in the stalk can also occur, opening the way for pathogen entry. Better timing or an alternative herbcide program should be used if you have experienced such problems.

Wind damage can be minimized by paying attention to two traits: plant population and height. Planting heavier than your fertilizer program and soil moisture may produce weak and spindly stalks prone to lodging. In areas that receive strong fall winds, most farmers prefer a short or medium height corn and one that places a short shanked ear low on the stalk. This type of plant stops less wind, and therefore, suffers less breakage than a tall corn.

Physiological factors influencing corn standability fall mostly into the environmental, nutritional, and biological areas. Separating them is often difficult since they are interrelated and often uncontrollable.

The growing seasons of 1983 and 1984 are good examples of environmental influences. First in this category would be moisture shortages or excesses. Both place stress on plants, slowing growth, and creating conditions favorable to disease organisms.

Cold, wet springs are tough on plants under these conditions, root rots begin and become poised, ready to move up the stalk during the summer. Preventing this depends on good soil drainage and planting when the soil has warmed. Ridge tillage, chiseling, and avoiding compaction are all steps farmers have taken to help avoid the problem.

In 1982, cloudy weather had a large influence on stalk quality. Carbohydrate production was down due to the scarcity of sunshine. Available sugars were funnelled to the ear, leaving a shortage in the stalks. Weak stalks and much stalk rot and lodging was seen across the Corn Belt.

Diseases such as eye spot or leaf rust, or problems such as hail, reduce functional leaf tissue and reduce sugar production, again leading to lodging problems. Farmers in states with cool, humid climates who want to move to reduced tillage face problems caused by the surface trash serving as a disease inoculum reservoir.

Fertilizer practices also influence standability. Proper potassium (K) and nitrogen (N) levels are two commonly noted areas. When K levels are adequate, thicker cell walls form, stomata are open longer, and the plant operates more efficiently. Soil testing can identify fertilizer amounts to be applied to each field to let it reach its top yield potential and maintain plant standability.

The pathogens commonly associated with stalk rot are Fusarium, Gibberella, and Diplodia. They serve a natural purpose of decomposing organic matter and freeing the nutrients for the succeeding years' crop. They don't cause a problem as long as they do their job after the crop is harvested. They will invade and cause deterioration in plants already under stress.

Eastern opens new warehouse

SYRACUSE, N.Y. — Earl R. Forwood, President of Eastern Milk Producers Cooperative Association, Inc., recently announced the opening of the newest cooperative facility, a warehouse/retail outlet complex located in Canton, Pa.

The new complex also houses the headquarters of Eastern's Dairy Products Division. This division, headed by Manager Thad Woodward, administered out of one of Eastern's plants. Currently, the Diary Products Division offers over 120 products distributed through three retail outlets as well as a five-state truck distribution system. In fiscal 1983-84 Eastern's Dairy Products Division achieved approximately $6.1 million in gross sales.

"The new warehouse complex is yet another indication of Eastern's commitment to the future," said Forwood. "Eastern is in a strong position now and will continue to grow in the years ahead."

The new retail outlet occupies the front section of the recently completed complex. Eight persons have been hired to staff the new facility which will feature Pennsylvania and New York agricultural products as well as milk shakes, sandwiches and ice cream.

Bruce Buck has been named manager of the store and warehouse. Debbie Issacs will serve as assistant manager.

"A gala grand opening is planned for the warehouse complex" said Forwood, "The date of this event will be announced sometime in the future."

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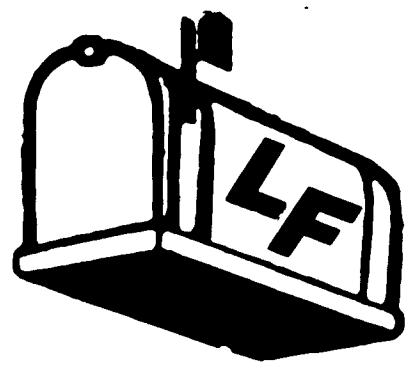

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FmHA changes income definition

NEWARK, Del. — The Farmers Home Administration (USDA) has recently changed its definition of income used to determine levels of assistance in the form of loans and grants to support community facilities, and water and waste disposal.

The incomes of single-person households will now be included when determining interest rates and the size of grants for community programs, according to Daniel S. Kuennen, University of Delaware extension specialist for community resource development. The new FHA regulations also eliminate the term "non-farm family" as a resident category.

"Basically," says Kuennen, "FHA has substituted census data on median household income for median family income in deciding the level of grants. For many rural communities the category "household" better reflects incomes of residents. This change in income definition will in many cases lower the median income figure–thus reducing the interest rate on loans to these areas," the specialist says.

The regulation making the eligibility definition change went into effect Oct. 3, 1984.

FHA community water and waste disposal grant programs will also be affected. As Kuennen explains, "Communities are eligible for grants only when the debt service portion of the average annual user cost for water or waste disposal service goes above 0.5 percent of the median household income in the service area. No grants are available to areas where the median household income exceeds 85 percent of the state median."

According to Kuennen, the eligibility change occurred because of the difference in census definition of the terms "family" and "household." "not all households contain families, since a household can be composed of one person living alone, or a group of two or more unrelated people," he says. "Furthermore, many single-person households have very low incomes."

Crop management meeting Tuesday

BLUE BALL — The Eastern Lancaster County Adult Farmer Program will conduct a Fall Crop Management meeting on Tuesday evening at 7:30 p.m. at the Blue Ball Elementary School.

Pennsylvania's new "Right-To-Know" law will affect agriculture and area farmers using chemicals in any phase of their farming operations and they need to be aware of the new regulations. State Sen. Noah Wenger will be present at the meeting to explain the details of the law and how it pertains to agriculture.

Private Applicator Pesticide Licenses that have expired may be recertified by this meeting. Additional topics that will be discussed will include: the new Penn State Soil Test report, fall forage crop management, new pesticides coming on the market, and winter manure management.

The Blue Ball Elementary School is located on Ewell Rd. between Routes 23 and 322, about ½ mile east of the village of Blue Ball. The meeting will be held in the All-Purpose Room just inside the front door. All interested persons are invited. For further information call the Adult Farmer Office at 354-4525.

Semen imports approved

WASHINGTON, D.C. — U.S. cattle breeders can now make use of semen from top-quality bulls from Europe and other countries where foot-and-mouth disease exists, a U.S. Department of Agriculture official said today.

Foot-and-mouth disease is a highly contagious viral disease that affects most domesticated livestock, but not humans. The disease does not exist in the United States. Research shows that semen from infected animals may carry foot-and-mouth disease organisms.

"Approval of bull semen imports is made possible by more sensitive tests that can determine whether bulls vaccinated for foot-and-mouth disease are actually free of the disease," said Bert W. Hawkins, administrator of USDA's Animal and Plant Health Inspection Service.

Until now, the health status of vaccinated bulls could not be accurately determined because antibodies resulting from vaccination could not be distinguished from antibodies resulting from foot-and-mouth disease, Hawkins said. "We therefore limited bull semen imports to semen from unvaccinated bulls.

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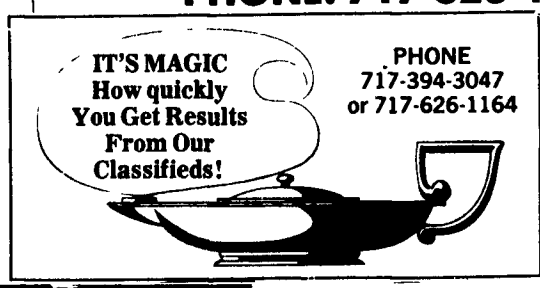

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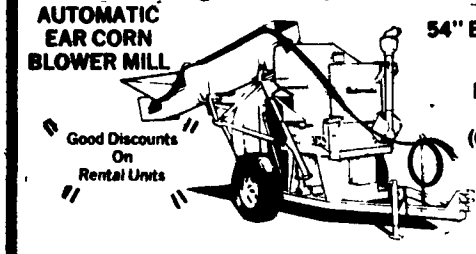

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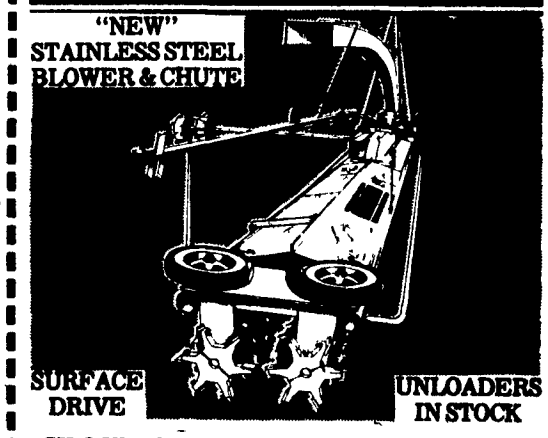

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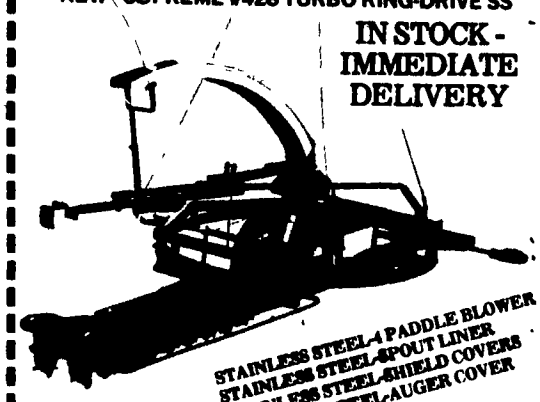

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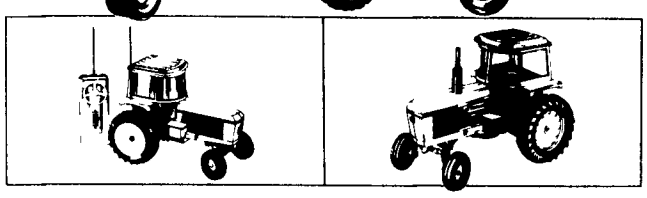

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JD #25A 3 pt., 20' Boom, PTO Pump	$ 250	$ 150

FORAGE HARVESTERS

		SALE
NH 1895 SP, Cab, Air, Metal Det. w/4R30 Row Crop w/Hay Pick Up	$32,500	$31,500*
JD 3800 Long Tongue, 1000 PTO	$ 2,500	$ 1,500*
JD 35 1000 PTO	$ 1,595	$ 1,495*
JD 3RW Row Crop for SP	$ 3,750	$ 2,750
JD 3RN Row Crop For SP	$ 3,750	$ 3,250

USED FORAGE HARV, AVAILABLE FOR APPROVED FINANCING
JDFP - WAIVER TO SEPTEMBER 1, 1985

GRAIN DRILLS - FERTILIZER SPREADERS

		SALE
JD 8250 18x7 Fert/ Grain, SDO, GSA	$3,350	$2,995
JD FB177B Fert/Grain, SDO, GSA	$1,450	$1,190
JD FB157B Fert/Grain, SDO, GSA	$1,650	$1,390
JD FB157 Fert/Grain, GSA	$ 450	$ 225
JD FB137A Fert/Grain, GSA (Tg#1971)	$ 795	$ 495
JD FB137 Fert/Grain, GSA (Tg#1777)	$1,295	$1,095
OLIVER 16x8 Fert/Gr, SDO, GSA	$ 250	$ 95
AC 15 Disk Grain Drill	$ 250	$ 125
JD 1500 3 pt. POWER TILL SEEDER	$3,250	$2,750
JD LF10 FERTILIZER DIST.	$ 450	$ 295
"NEW" NI #119 FERT SPDR, SPINNER 3 pt.	$1,270	$1,100

MANURE SPREADERS, GR DRIVEN

		SALE
NH #202 w/Stl Whl, Endgate	$ 850	$ 550
NI #206 w/Stl Whl (Tg#1725)	$ 995	$ 495
NI #206 w/Stl Whl, Endgate (Tg#2379)	$1,295	$1,195
NI #206 w/Stl Whl (Tg#1030)	$1,100	$ 450
NI #206 w/Stl Whl (Tg#1053)	$1,250	$ 650
NI #206 w/Stl Whl (Tg#1158)	$1,350	$ 600
NI #206 w/Used TT, Endgate (Tg#1019)	$1,095	$ 450
NI #206 w/Used TT (Tg#1040)	$1,250	$ 700
NI #206 Less Whls, Endgate (Tg#2315)	$ 595	$ 4.5

MANURE SPREADERS, PTO

		SALE
NI 214 (195 Bu.) w/Flail Att.	$1,395	$700
NI 213 (165 Bu.) w/Sngl Btr, Endgate	$1,395	$700
NI 213 (165 Bu.) w/Sngl Btr.	$1,195	$550
Oliver #471 3 Btr.	$ 450	$250

MISCELLANEOUS ITEMS

		SALE
JD #80 3 pt. Rear Mtd Blade 6'	$275	$150
SAUDER 8' Snow Plow	$475	$375
FRINK 8' Snow Blade w/Cab Control for Jeep	$300	$250
VICON 7 Bu. 3 pt. Broadcaster	$625	$550
Manure Fork Bucket for JD 48 Loader	$125	$ 75
Pan Attach for NI 218 Spreader	$ 50	$ 25
Pan Attach for NI 224 Spreader	$ 65	$ 25
PR 13.6x38 6P Tires w/Rims	$300	$200
PR 18.4x34 6P GY Tires ¾ Rubber	$400	$300
PR 14.9x28 4P Tires, Excellent	$150	$100
PR 18.4x34 8P Duals (Hub, Whl, Tire)	$250	$200
PR 18.4x34 6P Duals (Hub, Whl, Tire)	$375	$300

MOWER/CONDITIONERS - CUTTER BAR MOWERS

		SALE
JD 12-14 Hydra-Swing Mow/Cond	$1,350	$995
JD #5 7' Bar, Semi Mtd Mower	$ 395	$200

NEW IDEA "UNI" EQUIPMENT

		SALE
705 Dsl Power Unit, Cab w/767 Forage Harvester 763 3R30" Row Crop 766 Hay Pick Up Attach.	$18,500	$14,900
702 Dsl Power Unit, Cab w/710 Combine, w/13' Plat	$11,500	$ 7,500
713 Grain Platform	$ 500	$ 200
762 Two Row 38" Row Crop	$ 100	$ 50

PLOWS

		SALE
JD 3B14" 3 pt.	$600	$200
2B 3 pt. Disk Plow	$150	$ 75

ROTARY CUTTERS - GYRAMORS

		SALE
JD 307 6 ft., Pull Type	$750	$500
JD 307 6 ft. 3 pt. (Tg#1631)	$750	$300
JD 307 6 ft. 3 pt. (Tg#1615)	$975	$500
JD P107	$350	$295
Littleston 7 ft. 3 pt.	$950	$650
Woods M5 3 pt.	$750	$650
Bush Hog 10 ft., Pull Type	$650	$450
Bush Hog 6 ft., 3 pt.	$695	$450

ROW CROP TRACTORS

		SALE
JD 4320 S/R Trans, WFE	$11,500	$10,995
JD 4020 Dsl, P/S Trans, WFE	$ 8,150	$ 7,650
JD 3020 Dsl, Steel Whls.	$ 5,000	$ 4,750
JD 2510 Gas, ROM	$ 5,500	$ 5,200
JD "A"	$ 1,550	$ 1,395
Deutz D6807A Dsl, Cab, MFWD	$15,900	$14,900
IHC 806 Dsl	$ 7,750	$ 7,250
IHC F1066 Dsl, Cab, Air, WFE	$15,500	$14,900
FORD 6000 Select-O-Spd, WFE	$ 2,500	$ 2,190
CASE 1210 Dsl, P/S 12 Spd, WFE	$ 7,495	$ 7,095

USED ROW CROP TRS, AVAILABLE FOR APPROVED FINANCING
JDFP - WAIVER TO MARCH 1, 1985

SNOWMOBILES

		SALE
JD Liquifire 440 w/Cover sn127614	$2,050	$1,750
JD Liquifire 440 w/Cover sn127615	$2,050	$1,750
JD JDX4 Salvage-Engine OK	$ 350	$ 200

UTILITY TRACTORS

		SALE
JD 2940	$18,995	$18,695
JD 2640 w/Roll-Gard	$15,500	$13,995
JD 1530 Dsl (sn 142435)	$ 8,350	$ 7,795
JD 1530 Dsl (sn 112308)	$ 7,500	$ 7,095
JD 2020 RU, Gas Collar Shift	$ 5,950	$ 5,795
JD 2010 RU Dsl	$ 3,995	$ 3,595

USED UTILITY TRS, AVAILABLE FOR APPROVED FINANCING
JDFP - WAIVER TO JUNE 1, 1985

ALSO REDUCED-USED JOHN DEERE & COMPETITIVE MAKES-RIDING MOWERS-LAWN TRACTORS-LAWN & GARDEN TRACTORS
Buy A Good Used 16-20 HP Tractor & Mower for Around The Farm

LANDIS BROS., INC.

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Phone -717-291-1046

1 FARM EQUIPMENT

Minneapolis Moline G900 Diesel, original paint, like new. 814-793-4293.

Mix Wagon Butler-Oswalt Model 1830 trailer type stainless steel bottom with scales, excellent condition. Frederick Co. 301-898-7690.

Moving Out Of State - Need to sell: Model 720 JD diesel, wide front. Model R JD, model BR JD, model G JD, 2 model 1020 McCormick deering. All tractors in running condition. For more information call 804-263-5606, early or late or write W.F. Cope, PO Box 91, Arrington, VA 22922.

New Idea 2 row 36" corn picker, model 324-329. Super sheller. 540PTO, excellent shape. 814-669-4465.

New Stoltzfus 5 ton lime spreader mounted on extra heavy duty military type tandem carrier. Spin spreaders are hydraulically controlled for more uniform coverage. Built for coal reclamation work, but never used, $6,500. 717-328-5520.

New White 8700 Harvest Boss Combine, fully equipped, available at last year's prices, plus big discount. Angelo Farm Equipment 412-736-2420.

NH 355 Grinder Mixer with electronic scales, excellent condition. Chester Co. 215-932-4312.

NI 2 row 325 pull-type corn picker with 12 roll husking bed, Narrow Row Head. 717-587-3396.

NI 324 two row corn picker w/326 husking unit. Excellent condition, $4,500. Perry Co., 717-444-2192.

Old two cylinder John Deere fly wheels rebuilt with our patented steel draw in hub which has the ability to tighten up on new or worn crank shafts. Also, available new manufactured unbreakable fly wheels. Allen Machine Works, RD #7, Jonesboro, Tenn. 37699, 615-753-5738 day or night.

Oliver 1750 w/3 speed over and under year round cab. 814-793-4293.

Oliver 1755 diesel, 3 speed over and under, dual hydraulics. 814-793-4293.

Oliver 1800 diesel, good condition, $3,200. Baker 7000 lb. capacity fork lift, as is, $600. 717-534-1253.

Oliver 1850 diesel, dual hydraulics, wide front. 814-793-4293.

Oliver 1850 diesel, dual hydraulics, wide front, 814-793-4293.

Oliver 1955 cab and air. 814-793-4293.

Papec ensilage cutter on steel wheels. Excellent condition. Used very little. $500.00. Call 914-355-2444

RECONDITIONED TRACTORS

Farmall Super C w/fast hitch and 6' Woods Belly Mower and/or cultivators
IHC 240 row crop w/fast hitch and remote hydraulics and cultivators
Farmall 100 with or without Side Sickle mower
Farmall Cub w/cultivators and/or snowblade
IHC cub LoBoy /fast hitch, 4' Mott Mower, disc and snowblade
3 pt. 6' bladeNew
3 pt. 2 R. Pittsburgh CultivatorLike New
717-687-0102

Rebuilt horse and tractor drawn spreaders for sale. (New Idea) also New and Used parts. Used parts at half price. Will mail if desired. Enoch Brubaker, R.D.1, Liverpool, Pa. 17045.

For Sale: MF 255 tractor, like new condition. 215-445-4410

For Sale: MF 316 semi mtd. plow, $375. Smoker 22' elevator, $100. 11' Pittsburgh Transport disc. $425. 215-445-6156.

For Sale: Miller 250 Welder w/Lincoln Wire Feed on cart, $1100. Lincoln R-35 250 DC power welder, $400. 717-768-3197.

For Sale NH 518 manure spreader, excellent condition, clean. 717-367-3233.

For Sale: New and used Vent-O-Matic fans and parts; 7½ HP air compressor; Used heat reclaimer; new magnetic MNR to prevent and eliminate scale buildup in pipe fixtures. Columbian cookstove parts. Lancaster County. Paul Heistand, 717-426-3286.

For Sale: NI 2 row mounted picker #319, front and 12 row rear. Also, sheller, like new. Call after 7 PM, 717-379-3245. Ask for Bob.

For Sale: NH 30' corn and hay elevator, sharp. 16' Aluminum Cardinal corn elevator. 717-687-0102.

For Sale: Oliver 770 Farmall H. IH 4 bottom plow. Oliver 5 bottom plow. Oliver 2 bottom plow. JD KBA 10' transport disk. Fox chopper with one row corn head. Oliver 543 corn head. Oliver 543 corn planter. Steal cow rack for pickup. M.F. unloading wagon. JD 115 unloading wagon. Call 201-362-6027, ask for George.

For Sale: Patz Barn Cleaner, six yrs. old, new 3 h.p. motor, 275 feet of chain. Also 25 Shoe-Ease drinking cups and 48 rubber mats. Call 215-926-2478. No Calls Sat.

For Sale: Sheet rock fork for Prentice loader, new pads, $1,000. 717-328-5520

For Sale: Uni System, 705 diesel power unit, 737 Husking bed, 743 3-row narrow cornhead w/740 fast-tach feeder house, low acreage. Call 814-237-8226 or 238-3240 after 8 p.m. or leave message.

For Sale: 1980 JD 4440 diesel, 4WD, dual hyd., cab, air, heater, quad range trans. 1617 hrs., in showroom cond., will deliver and guarantee. $23,000. 717-532-8601.

For Sale: 1978 JD 4230 diesel, low hours, dual hyd., quad range trans, cab, heater, air, can deliver and guarantee. $13,500. 717-532-8601.

For Sale: 1976 JD 4630, cab, air, heater, quad range trans., dual hyd., low hours, in nice condition. $14,500. Can deliver. 717-532-8601.

For Sale: 1981 - 7000 Allis Chalmer tractor, low hrs., excellent condition w/full set of weights and power shift. Call 717-284-3205 or 717-786-7143.

For Sale: 1982 Allis Chalmers Tractor, 6,060 4 wheel drive, 500 hrs., like new. $13,900. 717-626-8065 or 717-626-5691

For Sale: 1984 JD 4050 15 speed MFWD, 200 hours. 814-364-9637.

For Sale: 1983 JD model 8300 grain drill; 1981 JD pull type 12' chisel plow; All in good condition. Must sell. Call 717-273-5231 or 717-273-6748.

For Sale: 2010 Crawler Loader, like new tracks, ready to work. Uebler Feed Cart, $575. 215-795-2154. Stephen Natali, Box 171, RD2, Perkasie, Pa. 18914

For Sale: 328 New Holland manure spreader, like new condition, clean, call 814-793-4640.

Four used vermeer round hay balers, 4 or 5', 800 to 1900 lbs. Haybines and rakes. Westmoreland Co., 412-423-4076.

Massey Ferguson 175 diesel, late model, good condition. 814-793-4293.

MF S90; Case 411B; MH 82 combine; NI 7 picker for parts; 2 and 4 row planters; cultipacker; 3 pt. transplanter. 717-758-1783 after 5 p.m. Northumberland Co.

MF 1100 factory cab, original paint, Firestone tires, dual hydraulics, excellent. 814-793-4293

MF 35D, 4 new tires, good condition. Also, 3 pt. disc. 215-536-0140.

MF 510 diesel combine, 4 row, 30", 15' grain, new rubber and motor, sealed ready. North Cumberland Co., 717-648-0027.

MF 65 diesel, excellent condition. 814-793-4293.

FOR SALE-Maytag ringer washer, like new. Safe, very heavy. Paint mixer. Leroy B. Esh Hardware, Intercourse, PA. 717-768-3681/786-8677.

FOR SALE-NI 325 2 row picker, 12 roll husking bed, excellent condition, picked less than 700 acres. 717-253-1708.

FOR SALE-Sweet corn harvester (fresh market) 2 row SP diesel. 201-946-8885.

FOR SALE-Used grain dryer and auger. 1 Butler Kan-Sun continuous flow grain dryer. 1 Butler Boot and auger 6"x32'. 1 Transport auger 6'x31'. Bids accepted through December 6. Chester Co. ASCS, 1 North New Street, West Chester, PA 19380. 215-431-3850.

FOR SALE: 2 Kill Bros. 400 bushel gravity bins. Grain wagons, excellent condition. Parksburg. 215-857-3460.

FOR SALE-8600 White Combine, 15' grain head, hydrostat, diesel, $12,000. 1400 NH Combine, 13' grian head, gas, $9,500. Both these machines low hrs. 540 Oliver 4 row planter w/fert. attach. $1,000. 13' Dunham disc, $900. 19' AC disc w/wings, $1,100. 3 bottom 3 pt. hitch, 16" mowig plow, $750. 4 bottom 16" MF 88 plow w/buster bar, $1,150. 10' Brillion packer, $650. All Equipment in Good Condition. 609-358-2384 after 6 PM.

Ford 5000 Diesel Tractor, 1973, with or without cab, excellent condition, $5,100. 717-896-8347.

Ford 8000 ROPS and canapy, 18.4x38 rear rubber, excellent condition. Montrose Tractor Sales. 717-278-3845.

For Sale: Bale Thrower Wagons, Steel or Wood. Will fit sides onto your flatbed. Also, Available: Flatbed Wagons.
STOLTZFUS WOODWORK
Rt. 2, Gap, PA 17527
(717)442-8972

For Sale: Bolens G-152 diesel garden tractor, $2100. MF205 4WD tractor, $4700. MF2-16" rollover plow, $700. Long 65"3PT rototiller, $1000. 1000RPM Howards Rotovator shaft, $100. Berks Co., 215-683-7230.

For Sale: Farmall H, good paint, metal and rubber, needs minor engine work. Also, JD heavy duty rolamatic narrow front end. JD 640 rake, very good condition, 717-624-7585 or 717-624-2429.

For Sale: Farmall Cub with front blade, sickle mower, tire chains, hydraulic lift, fast hitch. Phone 717-838-5122.

For Sale: Farmall BN - cultivator and tobacco hoers - mounted circular saw; Farmall H; JD transport disk; Mon.-Fri. 9 a.m. to 5 p.m. 717-464-2761.

For Sale: Farmall 460, Farmall 340 with fast hitch, MF 65 with 3 pt., JD 8' KBA disc, Int'l 350 9' transport disc, McCurdy gravity bin wagon. 215-562-4464.

For Sale: Gehl 600 Forage Harvester and New Holland 718 Forage Harvester. Schuylkill Co., 717-425-2562.

For Sale: Generator 4 cylinder, O'Keefe Merritt model N15, 15 KW, 220/127 volts, 3 phase 4 wire, 49.2 amps per leg, $650 or best offer. 215-542-7980 or 215-646-9057.

For Sale: Gehl 120 Grinder Mixer, good condition, $1495. No Sunday calls, 717-799-0139.

For Sale: Harvester corn roller w/5 h.p. motor. 215-286-9343.

For Sale: JD 4030 diesel tractor, quad range trans., dual hyd., about 2800 hours, new tires, can deliver. 717-532-8601.

For Sale: JD 4440 fire damaged will sell parts; MF 3 axle 16' gooseneck dump trailer, Valk 9' road plow, JD 813-3-14", F125-4-16" plows, Int. 504 cu in with 5 speed trans; Case 580 diesel backhoe, excellent. Evenings 717-292-4245.

For Sale: JD 2840, dual hydraulics. 814-793-4293.

SOD FARM AUCTION
IRRIGATION EQUIPMENT - TRACTORS/ATTACHMENTS - TRUCKS - SOD CUTTERS - MOTOR GRADER - LOADER.
MONDAY, DEC. 10, 1984
10:00 A.M.
-Insp. 8 a.m. day of sale-
Directions: Honey Brook, Chester County, Pa. From Rt. 30, (Downingtown), take Rt. 322 west to Honey Brook, (Rt. 10), turn left (south). Travel 1 mile, turn right on Cambridge Rd. WATCH FOR SIGNS!!!
North Brandywine Turf Farms
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Feature items: Minneapolis-Moline Forklift #MY40 (2 ton capacity, dual wheels, air tires, 3 stage) - 2 Chrysler industrial (CMC pump) irrigators - Irrifrance walking head irrigation system (new) with sprinkler heads, elbows and adapters - Lengths of aluminum pipe - IH 706 diesel tractor - cub cadet 126 - 9N Ford tractor with sickle bar, front end loader with 2 speed rear - Case 580 CK diesel backhoe and loader - L225 Kubota with front end loader - New Holland 676S manure spreader - 77 custom deluxe #30 Chevy Flatbed - 79 White Boom truck - Hough front end loader (parts) - York rake - Roger #720 sweeper - Jacobson 16" sod cutter - set of three and set of five Worthington gang mowers (reel type).
MUCH MORE!!
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50 HP Peerless traction engine. Good working condition
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Gleaner Model L combine 6 row corn head and grain head, good condition. 1975 Chevrolet C65 truck, lime spreader body, good condition. Sold together or seperately. 301-778-5836.

Hesston 1014 12' hydroswing mower condition, excellent condition. Montrose Tractor Sales 717-278-3845.

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NH 456 Trailer Mower; $2,430 List, $1,750 Net (1 avail.)
NI 10A Manure Spreader, excellent
NI 14 A Manure Spreader, excellent
Oliver 23B Sulky Plow
IHC Sulky Plow
IHC No. 9 Trailer Gear Mower, 7'
NI & Cunningham Crimpers
Nicholson Hay Tedder
New Wisc. T.J.D. Bailer engine, $850
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I Beams, 6"x8"x9', 6"x8"x13', 8"x12"x20' 354 NH Grinder Mixer and Warmer Morning 717-258-6010.

IH hydro 70, 3100 hrs, very good condition $6,850/offer 301-833-9091.

IH 1066 cab, dual outlet 3 pt. 814-793-4293.

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Ford Super Major 5000 Diesel, Belt Pulley
MF-1150, V-8 engine, turbo - multi-power trans
Case 830 diesel, comfort King, Case O-Matic, wide front

NEW TRACTORS & EQUIPT. IN STOCK
D5207 Deutz tractor, 52 h p
D7007 Deutz Tractor, 68 h p
DX 4 70 Deutz tractor, 90 h p w/4 post safety frame
DX 120 Deutz tractor, 111 h p, w/4 post safety frame
Leon 636 heavy duty front end loader, fits Deutz tractors
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Custom-built diesel Gen Sets made to order
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N.H. 355 Grinder Mixer-21" Mill
NH 516 and 518 flat bed spreaders with hydraulic endgate - 210 bu. capacity
NH 362 and HAWK 157 flail spreaders
NH 67, 270 and 275 balers
JD 14T baler w/engine
NH 880-2 row forage harvester
Hesston-4 row harvestor w/pick up
Gehl "99" blower
Van Dale 20 ft. Magnum Silo Unloader

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1460 IH combine, 1800 hours, $29,000.00
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MF 410 COMBINE
Diesel, 4 row wide corn head, 13' grain head, good condition.
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MF 35 DIESEL TRACTOR AND FRONT END LOADER
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AC 200 Tractor w/Cab
AC CA Tractor w/ Cultivator
NI 323 Picker
NI #218 Spr. w/Upper Btr. & End Gate
NI #218 Spr. w/Upper Btr.
NH #519 Spreader
NI #213 Spreader
Used NI 737 Uni Husker
OMC 540 Staker & Mover
8C Hydra-Mac Skid Loader
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NEW EQUIPMENT SPECIALS
JD 1610 Pull Type 11' Chisel Plow
JD 1710A Pull Type 11' Mulch Tiller
JD 2700 6 Bottom Spring Reset Plow
JD 2800 5 Bottom Spring Reset Plow
JD 1010 13' Field Cultivator
JD 900 V-Ripper 7 Standard
JD 27 Flail Shredder

TRACTORS

Oliver 1650	Coming In
JD 4440 w/SG, 500 hrs.	$29,000
JD 4020 w/PS, WF, Overhauled	$12,900
JD 2040	
IH 966 w/Cab	Coming In
IH M Diesel	$ 1,000
JD A	$ 925
IH 1486 w/Duals	$17,500

COMBINES

IH 205 Combine w/3R C.H.	$ 5,500
NH TR 70 w/6 Row Head	$19,900
68 JD 45	$ 5,000
MF 300 Massey w/heads	$ 7,500

PLANTERS

JD 6 Row Consv. w/Dry Fert.	$ 8,500
JD 4R MAX-EMERGE	$ 4,500
AC 6 Row #333 w/Notill Coulters	$ 5,500

TILLAGE

Ford Field Cultivator	$ 1,750
Brillion 10' Roller Harrow	$ 1,100

HARVESTING

(1) Donahue 28' Implement carrier, like new	$ 2,000
IH 720 Harvester w/2 Heads	$ 3,500
NH 880 Harvester w/2 Row 30", Head	$ 2,500
JD 38 Harvester w/3 heads	$ 3,500
JD 1209 Mower/Conditioner	$ 3,500
JD 38 w/2 Heads	$ 2,500

TOBIAS EQUIPMENT CO., INC.
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MF
Massey Ferguson

MF 285 8 Speed
Satoh Buck 4WD w/Mower
IH 154 Cub w/Mower
AC WD
Woods RM 306 Mower
MF 725 7' Mower Conditioner
IH 37 Baler w/Thrower
IH 540 Manure Spreader
IH Grain Drill
Herd 3 pt. Fert Spreader
MF 180 Tractor
(2) 5' Rotary Cutters
NH 270 Baler w/Thrower
NH 271 Baler w/Thrower
NH 450 Sycle Bar Mower
IH 8 Crop Chopper
AC Forage Harvester
NH 16' Forage Box
Gehl 65 Grinder Mixer
Gehl 2600 Skid Loader
Brillion 24' Field Harrow
MF 300 Combine
MF 205 Combine
Gehl 600 For. Harv. w/2 Heads
Fox Blower
MF 65 Trac., Gas
MF 236 Loader
Gehl 4500 Skid Loader w/Backhoe Attach.

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TRACTORS
(2) JD B's
IH 200 Fasthitch w/3 pt. adapt.
(2) Farmall H
JD 4400 Combine, 13' Grain Head, 36" Row C.H.
MF 65 Psl. w/loader
Forson Major Dsl. Trac. Loader Backer
Ford 8000
Ford 555 14' Tractor/ Loader/ Backhoe
Ford 750, Tractor/ Loader/ Backhoe Cab
Ford NAA w/Loader
1100 2WD
Ford 1100 4 WD
Satoh Beaver Dsl. 2WD w/Mower
(3) 8 N's
7710 1 yr. old, 700 hrs.

EQUIPMENT
NH 328 Spreader
(2) NH 518 Spreaders
IH 830 Fg. Harvester, Corn & Hay Heads
NH 275, 269 Balers w/throwers
NH 718 Fg. Harvestor Corn & Grass heads
NH 770 Fg. Harvestor w/corn head & elec. controls
Ford 241 10' Disc Harrow
Single Axle Tank Trailer, 4,000 gal.
(2) Ford 9 tooth Soil Savers
Lawn & Garden Tractors w/Mowers & Snow Blowers

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- Int. 1440 Axial Flow Combine w/4 Row Narrow Corn Head & 13 Ft. Grain Platform
- NI 2 Row Narrow Corn Picker w/Grinder Unit

UNION COUNTY
(717) 966-2736

USED TRACTORS

USED TRACTORS

1978 AC 7000 w/Cab & Air
1978 Case 1845 Skid Loader, Gas Engine, Ex. Cond., New Short Block
1976 Case 1845 Diesel Engine, Complete Overhaul, Ex. Cond.
1980 Case 1845 Diesel, Ex. Cond.

USED TRACTORS

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USED TRACTORS

USED EQUIPMENT

IH 656 Tractor
Disk Harrows
Grain Drills
(2) IH 584
M&W No-Till 14 ft. Drill
IH 186 Hydro
4 Bt. 3 Pt. Hitch Plow
4 Bt. 2 Pt. Hitch Plow
Used Combines
AC 7000
IH 544
IH 70

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  $1795.00
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6-65 H.P.

Wisconsin	
VG 4D 37HP For Clutch, Less Clutch	$2185
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TJD 18.2 HP NH Balerk Repl.	$925
AENLD 9 HP w/Clutch Reduction	$975
(Engines in stock to fit most popular skid loaders)	
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W1-145 3.5 HP	$185
EY 18-3W 4.6 HP	$250
EY27W 7.5 HP Recoil	$355
EY27W 7.5 HP Electric Start	$525
EY27W 7.5 HP w/Pump Shaft	$360
EY44W 10.5 HP, Recoil	$475
W1-390 11 HP Recoil	$485
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G100 2 HP	$195
G150 3.5 HP	$215
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G300 7 HP	$346
G400 10 HP	$445
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K161 7 HP Std.	$295
K181 8 H.P. 6-1 Reduction	$550
K301 12 H.P. Electric	$525
Ford Industrial Short Blockd	
300 CID Gas	$750

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AC D14
AC170D
AC 7040 PS
Ferguson 30
MF 165 G
MF 175 D
MF 285
Ford 8N

NEW TRACTORS
AC 6140
AC 6140 4WD
AC 6060
AC 6080
AC 6080 FWD
AC 8030 FWD
MF 290

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3510 Skid Loader
750 Harvester
1250 Harvester
99 Blower
650 Forage Box

Vicon:
Wheel Rakes
Rake Tedders
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Manure Spreaders

Bushog:
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Amco
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Glenco:
Soil Savers
Field Cultivator

Woods Mowers

USED EQUIPMENT

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Case 1537
(2) Owatonna 1700

Forage Boxes:
(2) Badger Kasten
Oliver Transport Disc
5' Rotary Mowers
(2) Gehl 99 Blowers
J.D. 35 Forage Harvester

Mower Conditioners:
MF 925
NH 469
NH 489
IH 990
Hesston 310
Vicon 240

Little Giant Elevator
MF 43 Grain Drill

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Carlisle, PA 17013

MF

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NEW!
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EASIER STARTING: Heavy flywheel provides easy starting. No electric heater plugs.

QUIETER: Runs quieter than most water cooled diesels. Very quiet exhaust.

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It has direct injection, lube oil cooling, and oil cooled pistons. This engine has proven to survive the extreme heat of a heavy load in a small engine house better than any other engine.

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WE ARE MOVING IN FEB. 1985 TO RTS. 222/322 CROSSING AT EPHRATA, PA.

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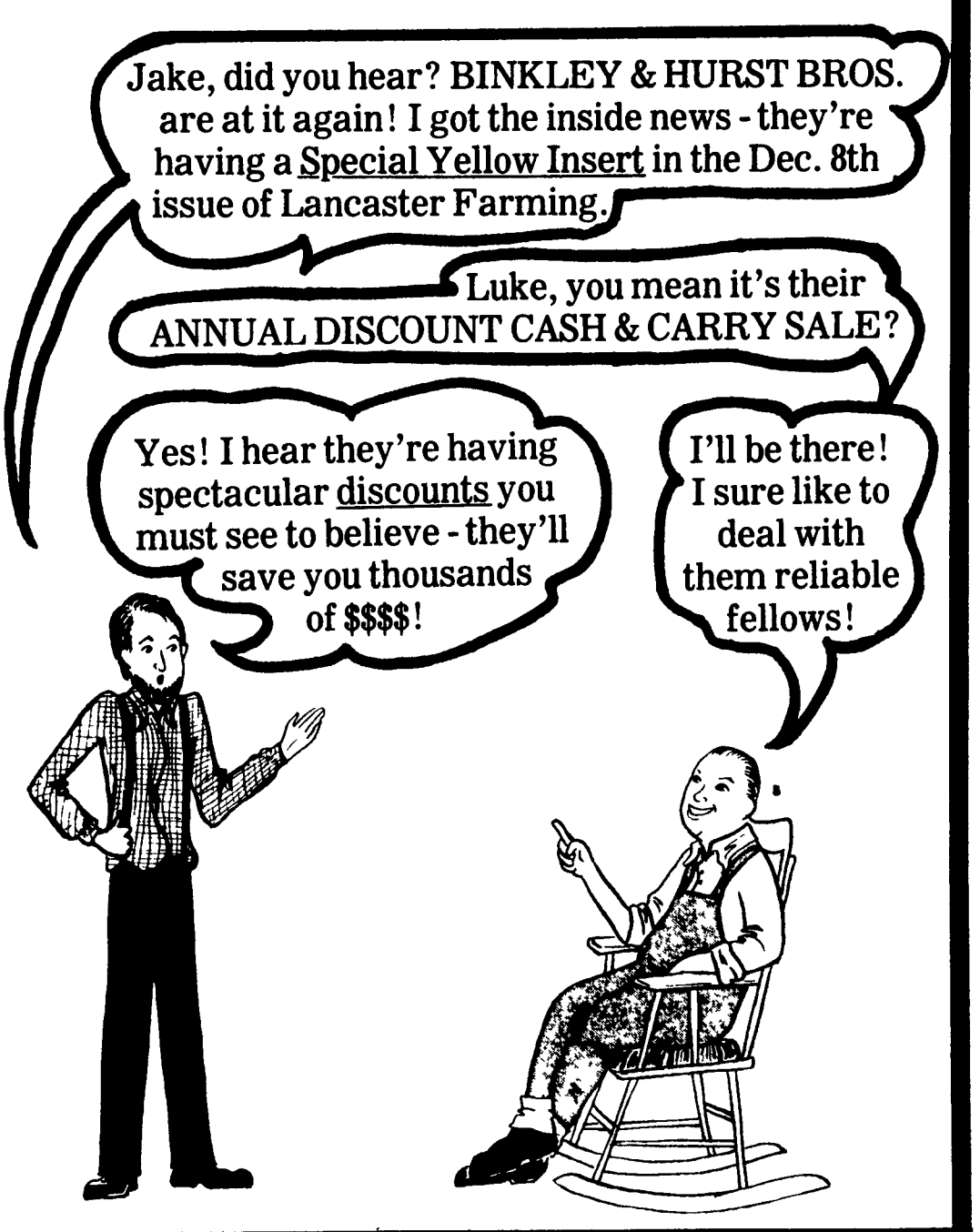
Jake, did you hear? BINKLEY & HURST BROS. are at it again! I got the inside news - they're having a Special Yellow Insert in the Dec. 8th issue of Lancaster Farming.
Luke, you mean it's their ANNUAL DISCOUNT CASH & CARRY SALE?
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JD 2240 w/145 Loader
18.4x34 M&W Hub Dual
20.8x34 JD Hub Dual
18.4x34 Snap On
24.5x32 Snap On
F145-5 Bottom Plow
JD 820 Diesel Tractor w/Loader
JD 716A 2-Beater Forage Wagon w/1075 Chassis
JD 716 3-Beater w/Roof and 1275 Chassis
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JD 7000 - 4 Row & 6 Row Conservation Planter
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MF 410 Combine
MF 52 Disk
MF 133 Chisel Plow
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MF 226 Blade
MF 129 Chisel Plow
MF 233 Disk
MF 860 Combine
MF 1163 Cornhead
NI 660 For. Harv.
NI 351 Spreader
NI 352 Spreader
Woods Mowers
Herd Fert. Spreader

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(2) Vicon 1400 Lb. Fertilizer Spreaders
(2) Vicon 1900 Lb. Fertilizer Spreaders
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(1) Vicon KM 321 Mower Cond., 10'6" Cut
(1) Vicon CM 165 Disk Mower, 5½' Cut
(1) Vicon 5 Wheel Rake
(1) Vicon 8 Wheel V-Rake
(1) Vicon RP 1210 Round Baler
(1) Vicon SP 450 Square Baler w/Thrower
(1) Vicon SP 460 Square Baler w/Thrower
(1) Vicon 230 Gal. 3 Pt. Field Sprayer
(1) Vicon 510 Gal. Trailer Sprayer
(1) Vicon 15 Ft. Power Harrow.
(1) Vermeer 504H Round Baler
(1) Vermeer 605H Round Baler
(1) Vermeer 107 No Till Grain Drill, 10 Ft. Width
(1) Vermeer HL12 Bale Mover (Stacks Bales 3 High)
(1) Hedlund Martin 1263 Scavenger II Spreader

USED & DEMO. EQUIPMENT
(1) Vermeer 504H Round Baler
(1) Vermeer 107 No Till Grain Drill
(1) Haybuster 1068 No Till Grain Drill
(1) IH No. 10 Grain Drill, 16 Hole
(1) Vicon 1210 Round Baler
(1) Vicon 16 Ft. Hay Tedder
(1) NI 650 Lb. Fertilizer Spreader
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New 6600
New 4610 SU
New 3910
New 2110
New 1910 w/Ag Tire
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SPERRY NEW HOLLAND

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New Harvesters - 707, 782
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NEW IDEA
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Used NI 325 2 RN Gathering Unit w/329 Sheller, very good
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42' Long Manufacturing grain bin with in-bin drying floor, built in Stir-alls, 37,000 bushel capacity, like new, $28,000. Call after 6 PM 301-695-6917.

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6 Surge automatic takeoff oto milker units with Slimline Randles. Make offer. 814-926-2176.

951-B Cat Loader runs and works good but smokes. $9,500. TD-14 International Dozer runs but needs work. $1,400. Ron Coover, Shippensburg, Pa. Phone 717-532-6540.

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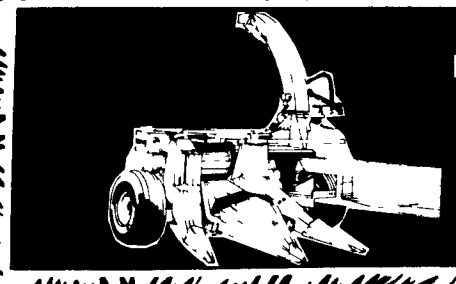
IH 684 4 Wheel Drive, 63 h.p., T.A.	$18,500
IH 684 Low Profile, T.A., Orchard Special 2 Valves	$15,500
IH 584 52 h.p., Utility, 2 Valves	$13,000
IH 881 H.D. Harvester w/2 Row Corn Head, Grass Head	$15,800
IH 2400 Big Roll Baler, New, Hi Capacity	$7,800



IH 881 Forage Harvester w/Grass Head & Two Row Corn Head Cash No Trade
$12,400

IH #10 Flail Chopper	$4,950
IH 595 Tandem Manure Spreader, Hyd. Endgate, 451 Cubic Ft. Capacity	$7,850
IH 560 Manure Spreader, 255 Bushel Capacity	$5,300
IH 530 Manure Spreader, 145 Bushel Capacity	$3,150
IH 720 5-18 Reset Plow, No Trade Price	$7,300
IH 5100 18x7 Plain Grain Drill, Double Disc, Grass Seed	$4,750
IH 5100 16x7 Plain Grain Drill, Double Disc, Grass Seed	$4,250
IH 5500 7' Hi-Clearance Chisel Plow	$1,700
IH 4500 12' Vibra Shank Field Cultivator	$2,350
Landoll Soil Master, 7' Tillage System	$5,250

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Waiver Of Finance Available Till 6-1-85 On Some Items

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$7,500

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IH H Farmall, 51 Model w/Loader
IH 350 Farmall, Diesel, 3 pt Hitch
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IH 2 Row Cultivator for F230, 240
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IH 56 Blower, Late Model
500 Gal Walsh Trailer Boom Sprayer
NH 880 Harvester w Corn Head
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(2) IH 56 4 Row Planters
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IH 710 3-16 Semi-Mount Auto Reset Plow
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IH 400 4 Row Air Planter, No-Till Coulters, Insecticide

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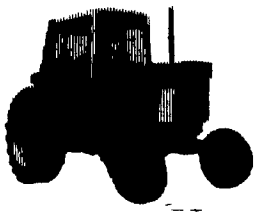

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2-75 Tractor
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BU 960 For. Box
FB 1580 Blower
MC 2160 Mower Conditioner
CB 1000 Harvester with HA 1100 Pickup and 2 Row Cornhead
RB 1460 Round Baler

AVCO NEW IDEA

NEW IDEA-
406 Rake
507 Mower Conditioner
509 Mower Conditioner
279 Cutditioner
323 Cornpicker, 1 Row

USED EQUIPMENT
NI 702 Uni-System w/2 Row 720 Cornhead And 726 Husking Bed
Danco 14' Forage Box w/Roof
Farmall M Tractor

MILLER EQUIPMENT CO.
RD 1 Bechtelsville, PA
215-845-2911

JD 2040 diesel w/2700 hrs.
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Gehl 95 grinder mixer, $2,000
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NH 271 baler, $900

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1206 Int Tractor; 2440 JD Tractor, NH 890 Harvester, 3 wagons, 1000 RPM blower, Full line of Hay Equipment, NH Baler & Haybine, Int 4 btm plow, JD 12' chisel plow, Ford 12' disk, Brillion 12' field cultivator, Walsh 300 gal sprayer; (2) Bin Wagons, Int 400 Syclone corn planter, Brillion 8' Alfalfa seeder, All Equipment in very good condition

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MF 165
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200 Bushel Gravity Bin w/8 ton running gear
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MF 1135 w/duals, cab & air
MF 1155 w/cab & air
IH 3200 Skid Loader
Bushhog 12' Chisel plow
NI 218 Manure Spreader
MF 43 corn head
MF 321 corn head

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IH 1086 tractor, cab, dual 18.4x38 wheels, 1400 hrs., excellent condition. Call evenings. 301-758-2930.

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Ford CL 40 Skid Loader
Ford 7000 w/monitor
Ford 6700 w/canopy
Ford 5000 dual power
Ford 4000 D LPTO
Ford 3500 Loader & Hoe
Ford 3600 D, 8 speed
Ford 3000 D, 8 speed
Ford 2000 G 8 speed
Ford 901 10 speed
Ford 1700 150 hrs.
AC D15 3 pt.
IH 666 D., WFE
IH 454 D., PS
IH Cub w/equip.
David Brown 1200
David Brown 990 w/loader
Case VAC 3 pt.
Case 930 CK Tractor
JD 2640 w/canopy
JD 4230, 4 WD, Cab
JD 850 D., 300 hrs.
JD 520 3 pt., PS
JD 60 PS, LPTO
MF 175 D 8 speed
MF 135 G, PS
Oliver S 55 3 pt.
Howard Rotovator
Oliver 770
NI 216 Spreader
NI 206 Spreader

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Quakertown, PA 18951
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(1) Farmall M Trac. $1,295

(1) JD 4320 Trac.

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JD 4430 Cab & Air, Quad Range, 2000 hrs., 1977 Mode, Excel.
JD 4040 Fender Tractor, Power Shift
JD 4430 Cab, Air, Quad Range, 1976 2600 hrs., very nice
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JD 4630 Cab & Air, PS, FWD, 1977
JD 4630 Dsl., Cab & Air, Quad, Quick Hitch, Very Good
JD 4240 Diesel Cab, Air, Quad, Very Nice
JD 4230 Dsl. QR, Fender Tractor
JD 4020 D, WF, Power Shift
JD 4000 Dsl., WF
JD 3010 Dsl. RC, Very Nice
JD 3020 Dsl. WF Syncro Range
JD 3020 Dsl., WF, Side Console
JD 2510 Gas Row Crop
JD 2840 Dsl., WF
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JD 2440 Dsl., PTO, 38" Rear Rubber, Good Condition
JD 2030 Dsl. w/Direction Reverser
JD 2020 Dsl., Very Nice
JD 730 Diesel, WF, 3 pt. & Fenders
JD 630 3 pt., Very Good
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IH 1466 Cab & Air, 540 & 1000 PTO Dsl., WF
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Case 930 Dsl., WF
IH Super MTA, WF, PS
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Ford 5000 Dsl. 8 Speed w/Loader
Ford 4000 SU 8 Sp. w/Loader
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MF 120 T Baler w/Thrower
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NH 467 Haybine
NH 310 Baler w/Thrower
Fahr 16' Hay Tedder
IH 430 Baler, Very Nice

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JD 16' Field Cultivator
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JD 1240 Dry Fert., Insect., Plate & Plateless

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JD 243, 244, 343, 443, 444, 643
IH 843
MF 43 & 63C, 1143

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Gehl 65, Excellent
Nh 352, SOLD Nice
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JD 2x3 Base 3 pt. Trip
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JD 2500 6x18 Spring Reset w/Onland Hitch
JD 2500 6x18 Hydraulic Reset SOLD
Ih 710 5x20 Spring Reset
IH 710 5x18 Spring Reset

New Bushhog 1445 Hydraulic Fold 18' Disc w/22" Blades

DISCS
JD 220 Center Fold New Blades 18'
JD BWF Wing Fold Rock Flex
JD 11' RWA
JD AW 12'6", Very Good
Athens 10' Offset

MISCELLANEOUS EQUIPMENT
Bush Hog 4 Row Stalk Shredder
IH 7x14 Wagon w/Hydraulic Dump
Brady Stalk Shr SOLD Mod. 1440, Excel.
NI 323 1 Row Picker
NI 324 2 Row w SOLD er, $1,850
NI Trailer-Type Fert. Spreader
NI 312 Bushel Tand SOLD le Manure Spreader
NH 2 RW & N Corn Heads to fit 717, 770, 880 & 890 Harvesters
Bushhog 5' Rotary Mower, 3 pt. New
Country Boy 215 Bushel Gravity Boxes
JD 3RN Forage Head
JD 1710 Mulch Tiller w/Rake, Like New
NH 2 RW Snapper Head to fit 880, 890 & 892 Harvesters
JD 3 pt. 6' Flail Mower
JD 45 Quick Tach Feeder House, Very Good
20x38-18x37-15.5x38-18x34 Duals
JD 158, 148, 48 Loaders
Cabs for JD 1020 thru 4020
Soybean Chopper to fit MF 510 Combine
Arps 3 pt. Backhoe, Like New
Soybean Choppers to Fit JD 3300 & 4400 Combines

COMBINES
IH 820 13' Flex Head, Like New
1980 Gleaner K2, Dsl., Cab & Air, Grain Saver, Flex Grain Tabler & Corn Heads, Like New
IH 1440 Axle Flow, Cab & Air, 1100 Hrs., Very Nice
1977 MF 510 Dsl. Cab & Air, Choice of Heads
1974 JD 7700 Dsl., Turbo Hydro, Field Checked
JD 4400 Gas, Choice of Platforms, Very Sharp
1974 JD 4400 Dsl., Cab & Air, w/1600 Hrs., Excel. Choice of Heads
1972 JD 4400 Gas SOLD Platform, $8,900
IH 82 Pull Type, Very Good
JD 30 Pull Type, Auger Feed
New JD 213 Flex Head
IH 715 w/Cab, Very Nice, Choice of Heads
MF 300 w/Cab, Grain Table, 2R C.H., Very Good, $6,850

Financing Available on Above Machines

1 FARM EQUIPMENT

USED EQUIPMENT

TRACTORS

Oliver 1750
Oliver 1755 D w/Cab
AC 5050 4-Wheel Drive

FORAGE

Int. 56 Blower
NH 33 Flail Chopper

HAY TOOLS

NH 268 Baler w/Thrower
NH 280 Baler w/Thrower
NH 469 Haybine
NH 489 Haybine

SPREADERS

NH 367 Tank Spreader (L.H.)

PLANTING & TILLAGE

Brillion 14' Transport Harrow
IHC 400 4-Row, No Til

PICKERS

NI 323 Picker
NI 324, 12 Roll Bed Gravity Boxes

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JD 1250 Plow 4Bx16" — $2450.95
JD 2700 6Bx18" Plow
JD 16x10 FF Drill — $4,000
JD 21x7 Drill
JD 327 Baler w/ejector
JD 27 Flail Shredder
JD 965, 1065, 1075 & 1275 Running Gears

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1-IHC 830 Fg. Harv. 1981 model, PU & 2 R.C. H — $9,500
1981 White Combine 7300 w/704N 4 Row Corn Head — $20,500
JD 4400 Combine 1977 Model, Motor Completely overhauled, JD 443 Corn Head & JD 213 Platform
L2 Gleaner Combine, Corn & Soybean Special, Mod. 1978 w/A630 Corn Head, A438 Corn Head, 15' Platform
JD 750 Tractor, 2 Wheel, PS — $6,500
JD 750 Tractor, 4 WD, PS — $7,500
NI Mower Conditioner 9' — $2,500
NH 513 Spreader — $1,200
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IHC 720 Forage Harvester 2 R.C.H. & Pickup Head — $3,500

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Case 630 Gas Tractor
MF 65 Diesel
Ferguson 40 Gas

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16x7 comb. drill
370 disc, 11'6"
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800 Cyclo planter, 4 row
IH 5500 trailing chisel plow 10'
IH 5500 mtd. chisel plow, 9'
IH 5500 mtd. chisel plow, 7'

USED EQUIPMENT

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784 Row Crop Tractor, 700 Hours, Like New, 1 Yr. Warranty

IH 1256 tractor
500 crawler
666 Farmall G
Farmall C
Haines bulk bodies
Ziggy bulk body, 16'
Mayrath auger 6"x27'
Massey Harris drill 16x7
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JD 2 row potato diggers
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Iron Age potato planter, 2 row
IH forage blower
Holland transplanter
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IH 46 baler
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Iron Age boom sprayer
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JD 4050 SG, QR
JD 4250 SG, PS
JD 4450 SG, PS, MFWD

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JD 643 Corn Head
JD 6620 Combine

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Century 500 Gal. Sprayer
DeLaval Manure Pump
Humdigger D9 3 pt. Backhoe

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JD 1219 Mower Conditioner
JD 327, 337, 347W Balers
NH 316 & 320 Balers
NH 499 Mower Conditioner
NH 28 Blower
NH 489 Haybine
NH 38 Crop Chopper
NH 451 Mower
NH 256 & 258 Rakes

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JD 2800 5B Plow
JD 235 19'11" Disc
JD 115 10' Disc
JD 215 11'5" & 12'10" Disc
JD 1610 Chisel Plow

PLANTING EQUIP.
JD 7000 Cons. Pltrs. 4R
JD 8200 18x7, 21x7 Plain Drills

USED EQUIPMENT
Oliver 1800 Dsl. Tractor
IH 1066 Tractor
IH 966 Tractor
JD 3300 Combine
JD 237 Picker
JD 14' Grain Platform
AC 200 Tractor w/Cab
JD 716 Forage Wagon
NH 770 Forage Harvester
Gehl 600 Forage Harvester
NH 1 Row Snapper
JD 1240 Planter w/Dry Fert.
Pittsburg 4 Bottom Plow
Pittsburg 12' Disk Harrow
JD 8300 Soybean Drill 16x10
NH 791 Manure Spreader
AC K2 Combine
JD 244 Corn Head
Fox 3000 Fg. Harv.
Lely Roterra 13'6"
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JD 4240 Cab, QR
JD 4[SOLD]b, PS, 95 hrs.
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JD 8430 3 pt., PTO, duals

• PLANTING EQUIPMENT
Oliver Drill 13x7
AC 330 4 Row Planter
JD 7000 6 RN No-till, dry Fert.

• COMBINES
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(1) JD 15' Rigid Platform
JD 444 Corn Head

• TILLAGE
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Brillion 12' Chisel Plow
Springtooth 12'
Dunham 14' Packer

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NI 352 5 Ton Manure Spreader
NI 384 Solid + Manure Spreader (Demo)
NI 382 Solid + Manure Spreader
Glencoe SSS-7 7 Shank Soil Saver
Glencoe 12' 9 Soil Finisher
Arps AB150 7' Blade
Gehl 4610 Dsl. Skid Loader
Gehl 3510 Skid Loader (Demo)
Hesston 7650 SP Forage Harvester
Hesston 566 50 HP Trac.
Hesston 5530 Rd. Baler
Hesston 5540 Baler, Avail. For Rent
Hesston 2420 12' 3" Disc Harrow
Hesston 1091 9' Windrower
Hesston 1014 2+2 12' Windrower
Ber Vac 3 pt. 8' Snow Blower (Demo)
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AC Model 1200 21' Field Cultivator
NI 323 1R Corn Picker

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USED EQUIPMENT

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(1) Gehl 72B 6' Flail Chopper
Smoker 24' Elevator
Gehl MX 135 Grinder Mixer, Hydraulic Drive w/Digital Scales
(2) Wic 7 HP Bedding Chopper, Used
Starline Tank Spreader
IH 403 Combine w/Cab & 3 Row Wide WN C.H.
NI Model 300 2 Row Wide Corn Picker
NI 325, 329, 2 RN w/Super Sheller
NI 324 314 2 RW w/Sheller
NH 488 Windrower
NH Mod. 985 Combine w/Cab, 13' Grain Platform

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AC D17 Diesel, 3 pt., WF, $3,000. D19 Gas, WF, $3,000. Madey Farms. 814-467-8839. Somerset Co.

AC D21 Tractor with 7' bottom plow; AC F combine 1974, 13" grain head with generation 3 floating cutter bar; IH model 58 8 row planter; 4 row cultivator for AC tractor back mounted; Farm Fan model 350 batch grain dryer, 609-259-3733.

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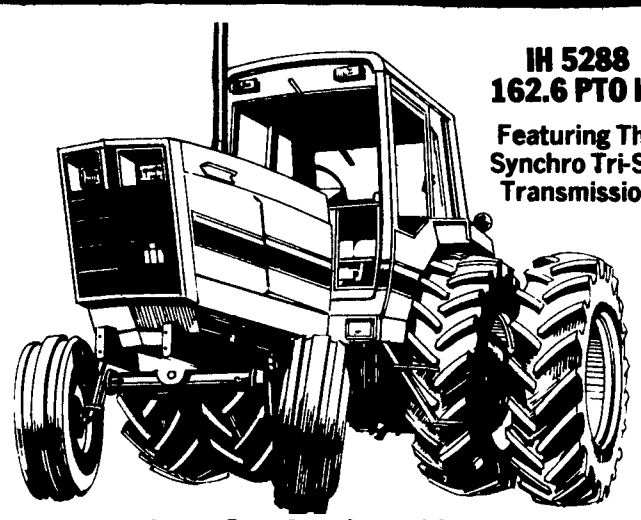

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- Farmall A
- Kubota 185 w/3 pt Hitch
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- Farmall 460 Fast Hitch
- Ford 4000 Tractor
- 3 Pt Hitch, 40 HP

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- NH L775 D w/Bucket, 680 Hrs , (Like New)

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- NH 519 Spreader 2 Beaters, Hyd Gate
- NH 516 Spreader
- NI 224 Spreader, 2 Beaters, 10 Ton
- NH 791 Spreader
- NH 676 Spreader
- Starline Tank Spreader, Tandem Axle, Left Hand Discharge, Hyd Lid Openers, Like New

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- IH 700 4 Bottom Auto Reset Plow
- Brillion 14 Ft Transport Harrow
- Glencoe 9 Shank Soil Saver w/New Disc
- Brillion 10 Ft. Culti Packer
- JD 10 ft Rotary Hoe
- IH 3 Bottom Fast Hitch
- Case 10 ft. Disc Harrow

USED EQUIPMENT

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- IH Model 40, 4 Row
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Glencoe 9' Shank Soil Saver w/New Discs, Flotation Tires, Cylinder & Hose.

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- IH 40 Shredder, 4 Row
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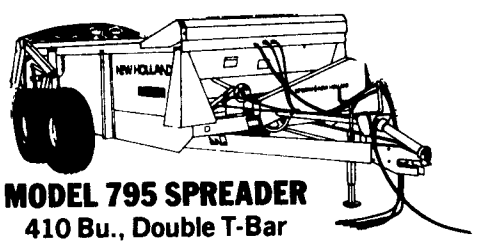
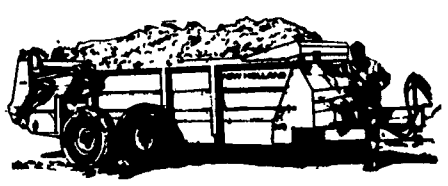


MODEL 795 SPREADER
410 Bu., Double T-Bar Chain



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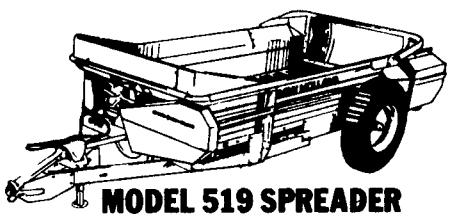
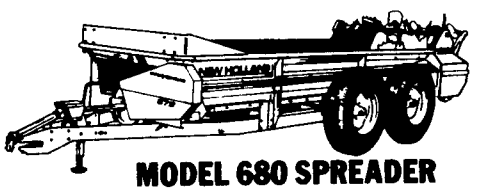
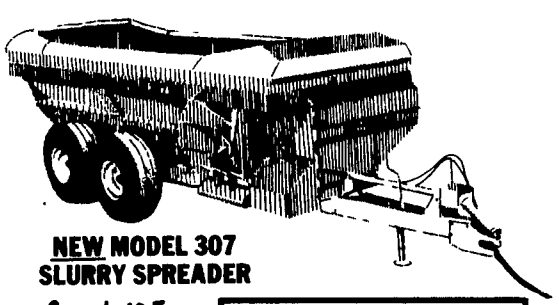


MODEL 519 SPREADER
217 Bu., Double T-Bar Slatted Chain



MODEL 680 SPREADER
287 Bu., Double T-Bar Slatted Chain



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Dunham 3 Bar 8 Tooth Chisel Plow Spring Loader 32" Shanks $1695
Dunham 8' & 10' Cultipackers ..... Special Prices

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Hesston PT10 Haybine
NH 315 Baler
NH 273 Baler
NH 28 Blower
NH 717 N2 Corn Head
NH 679 Spreader w/ Hydraulic Endgate
Butler Oswalt 1830 Ensilmixer
NH 258 Rake
NH 717 Pickup Head
Case 4B Plow
NH 717 Harvestér
Little Giant 40' Elevator
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8 ton gear $440
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(5) JD 2950
JD 4250
JD 4450

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MF w/14' platform, air cond., hydro, good $19,500
Used 443 corn head, late style
NI 311 2 row pull type sheller
NI 7 1 row corn picker
Waiver on New & Used

GREEN VALUE EQUIPMENT

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h.p. JD 2510 Gas, WF, very nice
h.p. JD 1050 tractor w/roll guard & canopy, 375 hrs., like new
h.p. 6600 Ford w/dual outlets, 18.4x30 tires, weights, 1,044 hrs., dual power, like new $12,500
9N Ford
MF 65 tractor, good, new tires, $3,500
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Farmall C w/mower, plow and front blade, sharp $2,650
Farmall H
40 h.p. AC D15 Tractor, 3 pt. hitch

TILLAGE

JD 125 3-16 mounted plow
JD 145 4-16
JD F45 3 bottom 16", excellent
JD 145 plow, 5 btm. 16"
JD 1250 4 btm., 16" integral $1,200
Case 4 btm., 16", semi-mounted, $950
JD 2 btm. trail plow
JD 125 4-16 mtd. $795
JD 2 btm. mounted plow
10' Case transport disk
IH 401 harrow hyd. control, very good, $595
38' transport harrow
JD BW A disk harrow 12'

DRILLS & PLANTERS

JD 7000 conservation corn planter, 6 row, dry fert., insecticide monitor
IH 5x7 drill, good
IH 5x4 row insecticide, price reduced to $1,300
JD 494A 4 row
4 Row Oliver-White 40 planter, dry insect. disk

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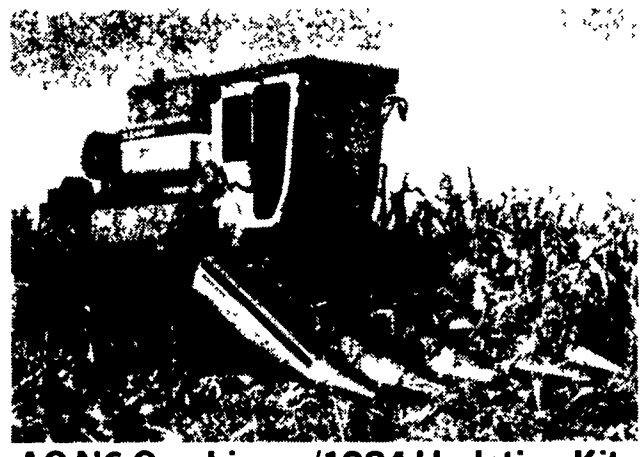
NH 315 Baler w/thrower, 2 yrs. old
IH 56 Forage Harvester w/corn head
IH hay crimper
IH 440 baler w/thrower, $7,650
JD 38 forage harvester w/2RC
JD 800 SP windrower, 10', good condition, $2,550
NH 48 Forage Wagon w/2 ton running gear w/3rd beater & roof, excellent
JD 16A flail chopper, very good
Ford 3 pt. hitch mower
JD 483 mower conditioner
NH 479 haybine
3 used forage blowers
JD 24T baler w/ejector
2 used buck saws
JD 34 Spreader, 1 yr. old
3 NH Spreaders

New Killbros Gravity Bins
& Zimmerman Elevators

USED AC COMBINES



AC N6 Combine w/1984 Updating Kit (Like New)

AC Models

G - M - C - N - L - F

These Combines are in Excellent Condition
IT WILL PAY YOU DIVIDENDS TO CALL US NOW!

NI 708 Uni-System, Hydro Drive w/717 Combine, Cornhead & Grainhead

TRACTORS

AC 7040D
AC 7045D
AC 7050D
AC 7020D
AC 7010D
AC 7000D
AC 440
AC XT190D
AC 180D
AC 175D
AC D19D
AC D14
AC CA
AC 5040D
AC 5050D
IH 806
IH 340
IH 140
JD 2010
MF 65G
Case 1490
JD 450 Crawler
Case 450
Oliver 1650D

SPECIAL SALE ON GT DRYER | **USED FORAGE HARVESTORS GEHL, I.H., N.H.**

bobcat

GRUMELLI FARM SERVICE

Quarryville, Pa. 717-786-7318

ALLIS-CHALMERS

R.T. MARKLE FARM EQUIPMENT, INC.

1841 Pine Hall Drive
State College, PA 16801
814-237-3141

FOX BRADY
NEW IDEA FARM EQUIPMENT

NEW EQUIPMENT

	List	SALE
IH 3088 4WD Tractor	$48,484	$36,000
IH 1190 9 Ft. Mower Conditioner	$9,789.50	$6,995
IH 781 1000 RPM Forage Harvester w/Hay Pickup & Corn Head	$16,597	$10,995
IH 3450 Round Baler	$11,370	$8,600
IH 3650 Round Baler	$14,350	$11,000
IH 720 Semi-Mounted 5 Bt. MB Plow	$10,380	$7,000
IH 720 Semi-Mounted 4 BT MB Plow	$9,717	$6,000
IH 475 Disk Harrow, 11 Ft.	$5,856	$5,000
IH 5500 Chisel Plow, 7 Ft.	$2,791	$2,300
IH 6500 Conser/Till 11 Ft.	$7,484	$6,400
IH 800 Corn Planter	$11,933	$10,400
IH 5100 Drill 16x7	$6,343	$5,500
NI 60'x10" Auger Elevator	$4,917	$3,950
NI 323 Single Row Picker	$8,787	$6,700
NI Double Spinner Spreader	$1,235	$1,100
NI 768 Uni Row Crop Head	$7,302	$4,100
NI 329 Sheller Unit	$5,362	$4,600
Fox Brady 2310 Forage Harvester	$8,773	$7,400
Fox Brady 746 Corn Head	$3,387	$2,500
Fox Brady 12 Ft. Stalk Shredder	$5,500	$4,200
Fox Brady 822 8 Ft. Chisel Plow	$2,600	$2,300

USED EQUIPMENT

NI 725 Uni Corn Head, 3 Row	$1,395
NI 710 Uni Combine Unit	$2,795
NI 729 Uni Sheller Unit	$1,200
NI 702 Power Unit	$4,000
NI 711 Grain Platform	$1,000
IH 76 1956 Model Pull Behind Combine Ex. Cond.	$750
IH A Tractor	$1,900
IH 674 Utility Tractor, Ex. Cond. 2000 Hrs.	$7,700
IH 420 Hay Baler	$600
IH 2 Bt. Trailing Plow	$250
JD 1240 4 Row Narrow Corn Planter	$1,875
JD 494A 4 Row Narrow Planter	$1,625
White 6 Row, No-Til Planter, Ex. Cond.	$4,300
Fox Brady 822 Pickup Head, 6½ Ft.	$1,600
Case 9 ft. Disk Harrow	$500

Most Deals Require Cash on Purchase

JOHN DEERE *Nothing runs like a Deere*

This Week's Special
AC 6060, 425 Hrs.

NEW TRACTORS

JD 4250 4 Post, PS
JD 4050, SG, PS
JD 2950
JD 2950, SG
JD 2750
JD 2350 MFWD
JD 850 MFWD
JD 750 MFWD
JD 650
JD Trac Loaders Model 75, 100, 245, 260

USED CORNPLANTERS

IH 56 4 row
JD 7000 4 RW w/No-till attach.
White 5400 6RN No-Till & Plateless

USED HAY & FORAGE EQUIPMENT

JD 2 Row Narrow Corn Heads
Hesston 1010 & 1014 Mower Conditioner
NH 495
NH 479 Haybine
NH 2 Row W 880 Head
NH 278 & 269 Baler w/Thrower
JD 24T Baler w/Thrower
Ford 530 Baler w/Thrower
Oliver 720 Baler w/Thrower
NH 2 Row W Snapper Head for Forage Harv.
Fox 3000 Harvester w/eads
JD 343 Corn Head for Forage Harv.
NH 26 Blower
JD 660 Rake

NEW SKID STEER LOADERS

NH 455, 555
Bobcat 643, 743, 843

NEW SPREADERS

NH 679, 791
Martin S1466 & S1678 Scavenger
Martin Equilizer
H&S 295 Spreaders

USED TRACTORS

JD 3020
AC 6060, 425 Hrs.
Ford 9N
Farmall A

NEW HAY & FORAGE EQUIPMENT

JD 5720 SP Fg. Harv.
JD 3970 Fg. Harv.
JD 3950 Fg. Harvester (1) w/iron guard
JD 347 Balers
JD 430 Round Baler
NH 849 Round Baler
NH 489, 495, 499 & 1495 Haybines
NH 256 Rake
JD 660 Rake
Miller 2150 Forage Wagon
NH Forage Wagon
H&S Fg. Wagon
H&S Bale Wagon
Kuhn Hay Tedders & Rakes
Kuhn 10' Disc Mower/Cond.

NEW PLANTERS

JD 7000 4 & 6 Row Consv.

NEW DRILLS

JD 8250 14x7
JD 8300 18x7

NEW TILLAGE

JD 950 Roller Harrow
JD 215 Disc
JD 2600 4B Plow
Haybuster No-Til Drill Also for Rent

USED MISCELLANEOUS

Brillion Transport Harrow
JD 260 Loader
NH 445 Skid Loader
Post Hole Digger

NEW MISCELLANEOUS

Demco Sprayer 600 gal.
NH Grinder Mixers 353, 358

CLUGSTON IMPLEMENT, Inc.

Ask About Waiver of Finance on NH & JD Equipment
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat SPERRY NEW HOLLAND

Save Thousands on new John Deere Equipment . . .now!

John Deere has given us tremendous year-end allowances on new equipment and we're passing those savings on to you. In addition to that there are many finance waiver discounts to sweeten the pot. Stop in now and choose your deal.

save big on John Deere 40-85 hp tractors!

Save in a big way on a new John Deere utility tractor right now. You get a great discount off the list price, plus your choice of interest free financing until June 1, 1985* (March 1, 1985 on 2950), or an additional discount in lieu of the finance waiver Two great ways to save on utility tractors that can help you stay efficient around the farm Check them out today!

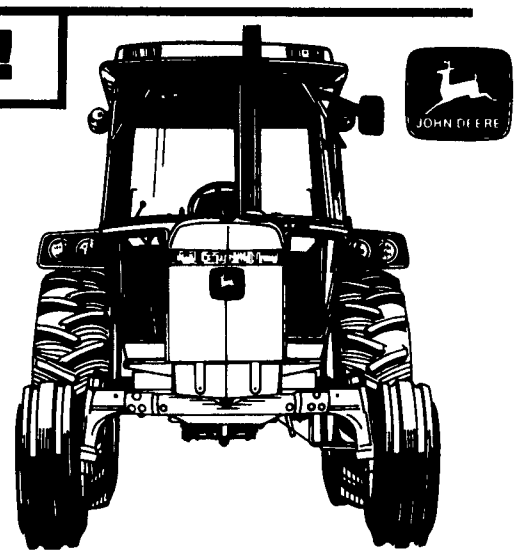
MODEL	DISCOUNT
40-hp 1250	$ 550
50-hp 1450	625
60-hp 1650	700
45-hp 2150	650
50-hp 2255**	675
55-hp 2350	750
65-hp 2550	850
75-hp 2750	1400
2750 High Clearance	1000
85-hp 2950	2700

DISCOUNTS IN LIEU OF WAIVER***

MODEL	During DEC	During JAN
40-hp 1250	375	300
50-hp 1450	425	350
60-hp 1650	475	375
45-hp 2150	375	325
55-hp 2350	475	375
65-hp 2550	525	425
75-hp 2750	600	475
50-hp 2255**	400	325

JD 2950 85 HP
(Demo One Only)
List Price $27,800
Sale 22,900
JD Customer Discount - 2,700
20,200
Waiver Until March 1, 85 — OR — December Cash Discount In Lieu of Waiver - 375
$19,825

JD 2950 85 H.P.
With Sound Gard Body
(Demo One Only)
List Price $33,950
Sale $27,500
JD Customer Discount - 2,700
24,800
Waiver Until March 1, 85 — OR — December Cash Discount Lieu Of Waiver - 375
$24,425



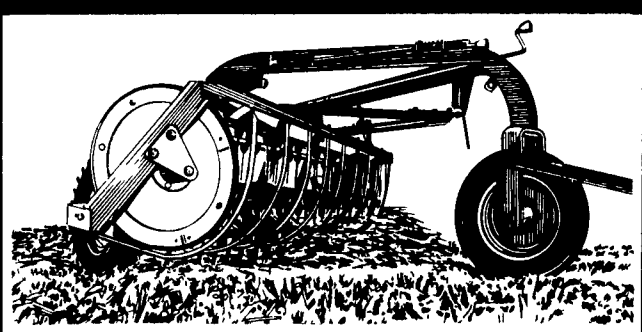
You get long-lasting quality with John Deere 45- to 85-PTO-hp tractors, along with exciting efficiency

MORE POWERFUL AND PRODUCTIVE

Time-Mizer Self-Propelleds feature big engine horsepower for greater productivity

JD 5820 290 H.P.
With 4 Row Narrow Corn Head and 7 Ft. Custom Duty Pickup
Priced Thousands Less For Out Of Season Sale
PLUS Waiver Of Finance Until Sept., 85
OR $4,075 Cash Discount In Lieu Of Waiver

Reliable for years

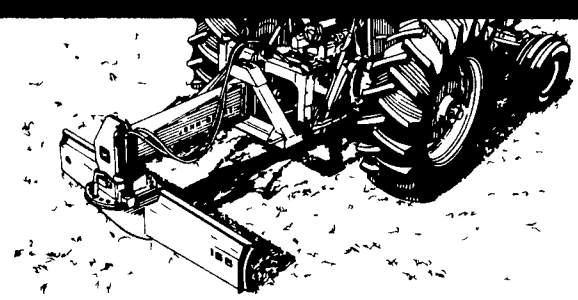


John Deere's 660 Rake offers long, dependable work life

You'll get years of dependable service with the 660 Rake Five bars of rubber-ball flex teeth are standard

JOHN DEERE 660 RAKE
8½ Ft. w/Rubber Teeth And Hitch & Jack
$2,475
Dolly Wheel Rakes Available At Extra Cost

For big blading jobs



Take a look at John Deere's extra-heavy-duty rear blade that offers hydraulic convenience

Here's John Deere's strongest rear blade — the 155 Blade — for tractors up to 180 hp Shape ditches, move manure, blade snow.

MODEL 155 REAR BLADE
8 Ft.
$1,595
(One Only)

SAVE THOUSANDS ON new John Deere 100 to 190-hp Tractors

The factory authorized inventory clearance sale on John Deere 100 190-hp tractors is still on But it won t last forever! So see us today about special allowances we can pass to you as discounts on a new 4050, 4250, 4450 4650 or 4850 tractor Then check out the interest-free financing until March 1 1985,* or take a second discount in lieu of the finance waiver However you do it you'll save a bundle!

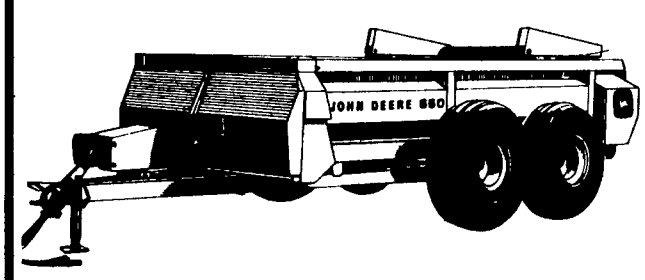
DISCOUNT IN LIEU OF WAIVER**

MODEL	During DEC.	During JAN.
100-hp 4050	$ 550	$ 325
120-hp 4250	600	350
140-hp 4450	650	375
165-hp 4650	775	475
190-hp 4850	850	525

JD 4250 120 H.P.
w/Sound Gard Body
Power Shift Trans
18.4x38 Tires
List Price $52,700
SALE $37,700
Waiver Until March 1, 85 — OR — December Cash In Lieu of Waiver - 600
$37,100

JD 4050 100 H.P.
w/Sound Gard Body
Mechanical Front Wheel Drive
Power Shift Transmission
List Price $57,400
SALE $40,900
Waiver Of Finance Until March 1, 85 — OR — December Cash In Lieu Of Waiver - 550
$40,350

Spread 300 bushels fast

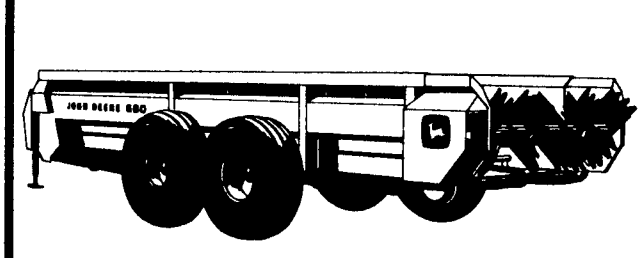


You'll spread big loads in a hurry with a John Deere 660 Spreader

Get big manure-handling jobs out of the yard and onto the field in a hurry with a John Deere 660 Spreader.

JD 660 SPREADER
300 Bushel w/Hydraulic Endgate And Front Extension $7,200
Front Extension Waiver Of Finance For 6 Mo. From Date Of Sale — OR — Cash In Lieu Of Waiver -225
$6,975

Spread 400 bushels fast



John Deere's largest spreader will handle your big manure jobs fast

Here's manure-handling productivity at its finest . . . the John Deere 680 Spreader.

Double conveyor chain and heavy-duty gearbox make this a most dependable manure spreader.

JD 680 SPREADER
400 Bu. w/Hydraulic Endgate & Front Extension $9,275
Waiver Of Finance From 6 Mo. From Date Of Sale — OR — Cash In Lieu Of Waiver - 275
$9,000

JOHN DEERE

ABC GROFF, INC.

Since 1890

110 Railroad Ave New Holland, PA 17557

STORE HOURS
Mon - Tues Wed 7 5
Thurs Fri 7 9
Sat 7 4

Parts 717-354-4191
Sales 717 354 4731
Service 717 354 8004

Open Thursday And Friday Until 9 P.M

PACE

master charge VISA

OUR TRUCKS ARE RADIO CONTROLLED

WENGERS INC.

LONG

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

PHONE: 717-866-2135

NIGHTS, PHONE: 717-866-7147 or 717-273-9089

1 MILE FROM LEBANON VALLEY AIRPORT

TRACTORS-COMBINES-CONSTRUCTION

COMPLETE RUNNING ENGINES ALL FAN TO FLYWHEEL

AC 190XTD - Coming in
AC 7000 301 Cu. In. w/Turbo - $4000
AC 220 - 426 Cu. In. - $4000 w/Turbo
AC D19 - 262 Cu. In. - $2000 w/Turbo
Case 1070 - 451 Cu. In. - $3500
Case 1030 - 451 Cu. In. - $3500
IH 1066 - 414 Cu. In. - $4700 w/Turbo
IH 1206 - 361 Cu. In. - $4300 w/Turbo
IH 806 - 361 Cu. In. - $3700
IH 560 - 281 Cu. In. - $2200
IH 560 Gas - 263 Cu. In. - $1600
IH 856 - 407 Cu. In. - $4500
Ford 6000 - 223 Cu. In. - $1750
JD 4430 - 404 Cu. In. - $5000 w/Turbo
JD 4020 - 404 Cu. In. - $4000
Oliver 1800 - $2800
Oliver 1750 - 310 Cu. In. - $3500
Oliver 2150 - $4500 w/Turbo
IH Hydro 70 - 312 Cu. In. - $3400

LOTS MORE NOT LISTED

HAYBINES
NH 478 | IH 1190

TRUCKS
1970 Ford 900 Single Axle Construction Dump $7700
1947 Ford Fire Truck $2950

DUALS
18.4x34 MF
18.4x34 Snap On
20.8x38 Axle
18.4x34 Axle
18.4x38 Snap On

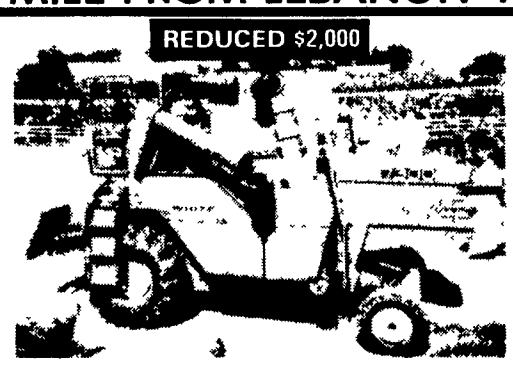
BALERS
NH 315 w/Thrower
Ford 530 | Case 220
Extra Throwers | NH 66

WAGONS
Metal Bale Throw Racks
Flat Bed Wagons

HAY TEDDERS
JD-Grimm-Nickelson
Niemeyer

FORAGE WAGONS
JD 214 | NH 7
Fox 625 | Gehl

REDUCED $2,000



1974 WHITE 7300
13' Qt. Head, Pickup Reel, Floating Cutter Bar, Reel Lift, Clean, Original
ONLY $7450
3 & 4 Row Heads On Stock

HARVESTER HEADS

NH Pickup for 717-770-818-880-890
NH 1X Corn for 717-770
NH 2x30 Corn for 717-770
NH 1X Snapper for 770-717
NH 2x30 Snapper for 880-890
NH 3x30 for 880-890
NH Cutterbar for 880-890
JD 243 2x30 Snapper
JD 3x30 Corn for 38-3800
MF 3x30 for 260
JD 2x30 Corn for 38-3800
NH 2x40 for 880-892
JD Pickup for 38-3800
Fox 2x30, 2x40, 3x30 Snapper Head
Fox 2x30 Corn
Fox Pickup
IH 2x30 Corn for 50 thru 650
IH Pickup Head for 15-16-350-50 thru 650
IH Cutterbar for 50 thru 650
JD Pickup for 3940 or 5440
JD 34 Cutterbar
JD 2x40 for 38-3800
Gehl 3x30 Belted
JD 34 Pickup
NH 2x40 for 717-770
IH 3x30 Belted

HARVESTERS SELECTION

MF 260 w/3x30 Head
IH 550 w/Heads
Fox Super 1000 w/Heads
JD 38 w/Heads

EXTRA COMBINE GRAINHEADS

AC, K, E
JD 40, 45, 55, All QT
IH 91, 93, 105, 203, 205, 315, 303, 615, 815, QT
MF QT For All | Case 600, 660, 960
Oliver 525, 535, All QT | NH All QT

CLEAN COMBINES Priced Reasonable

IH 82 Pull Type
JD 6600 Diesel Hydro
Gleaner "G"
IH 205
JD 3300 Diesel
IH 315

MAKE AN OFFER

MF 750 Diesel
White 7300
Case 600
IH 615 w/800 Head

USED PARTS

East Coast's Best Selection

JUST INSTALLED . . . WE HAVE NATIONAL COMPUTER PARTS LOCATOR SERVICE

(100) COMBINES - DISMANTLED FOR PARTS
JD 7700-6600-4400-3300-95-55-45-40-12A-42
IH 815-615-315-403-303-203-205-105-101-93-91-141-127-64-76
MF 760-510-410-300-92-72-35-26-Clipper-60
Gleaner CII-EIII-A-E-60-F
Uni 705-704-702-701-710-Etc.
Case 960-660-600
NH 975-985
MM 4296-Oliver 525-535 Over 100 Corn & Grain Heads For Salvage

(100) HARVESTERS - DISMANTLED FOR PARTS
JD 38-35-34-12-8-6
IH 650-550-55-59-350-16-15
Fox 2200-2000-1000-546-FA
NH 890-880-818-800-S717-717-616
Gehl 600-300-188-84-83
Case 300
Ford & Papec

PICKERS - DISMANTLED FOR PARTS
NI 331-311-305-10-7-323
Ford Blue 1 Row & 2 Row
JD 237-227
Woods
IH 2MHD-2MH-2ME-234

LOTS OF OTHER ITEMS NOT LISTED

HAYBINES - DISMANTLED FOR PARTS
IH 225-201-990 | OMC 29-25
Hesston PT10 | NH 490-460-479
JD 480 | Case 950

CONSTRUCTION - DISMANTLED FOR PARTS
AC HD3, HD4, HD5, HD6, 1600, 655, 816
Case 310, 320, 350, 530, 580, 680, 580B, 1000, 420, W3
Cat D2 5U
Cat D4 7U, 6U
Cat 933 11A, 42A
Cat 955H 60A
Cat 977 20A
Ford 4500-5500
IH TD6, TD9, TD14A, T6
IH 340, 100C, 125C, 175C, 500
IH 350, 3444, 3400, 3600
JD 40, 420, 430, 440, 350, 450, 1010, 2010
JD 440A, 540, 540B Skidders
JD 544B Loader
JD 300, 400, 500, 1010, 440
Oliver HG, OC3
MF 202, 302, 200

(50) BALERS - DISMANTLED FOR PARTS
JD 336-214T-24T-14T
MF10
NH 280-271--269-78-69-68-67-66-77
AC 303
IH 57-47-37-27-55-45
Case 230-200
Oliver 720
Ford 530

FARM TRACTORS THAT HAVE BEEN DISMANTLED FOR PARTS (Over 2000)

AC: 7000- 220-210-200-D21-190XT-190-D19-D17-D15-D14-D12-D10-WD45-WD-WC-G-CA-C-B-Etc.

Case: 1070-970-770-1030-930-830-730-630-530-430-800 Series-700 Series-600 Series-500 Series-400 Series-300 Series-200 Series-DC-SC-VAC-LA-990-880-Etc.

Ford: 9600-9000-8000-7000-6000-5000-4000-3000-2000-900-800-700-600-NAA-Major-Dextra-8N-8N-Etc.

IH: 1466-1066-856-756-666-656-1206-806-706-606-660-574-454-464-444-560-460-544-504-424-404-450-400-B414-B275-350-300-240-230-200-140-130-100-Super A-Cub-154 LowBoy-Super C-A-B-BN-C-H-M-MD-MTA-W4-W6-W9-Etc.

JD: 4430-5020-4520-4020-3020-2520-2020-5010-4010-3010-2010-2510-1010-435-830-730-630-530-430-820-720-620-520-420-80-70-60-50-40-MT-M-R-G-A-B-H-Etc.

MF: 1130-1100-1080-180-175-165-150-135-Super 90-85-65-50-40-35-30-20-Etc.

Long: 560-460-445-360-350-Etc.

MM: G1000 Vista G1000-670-302-445-335-5 Star-4 Star-3 Star-2-UB-U-Etc.

MH: 444-44-33-101-30-22-Junior-Pony-Etc.

Oliver: 1950-1850-1755-1750-1650-1550-1800-1600-880-770-660-99-70-60-88-77-66-550-55-Etc.

PARTS CALLS TAKEN 7:30 AM to 5:00 PM WEEKDAYS
7:30 AM to 12:00 NOON SATURDAY
Phone 717-866-2135 (Please, No Calls After Hours)
PROMPT SHIPMENT — CASH SALES ONLY

OVER 100 ON STOCK

COMBINE CORNHEAD SPECIALS

AC 2 Row for A, E, K, E^{III}, F - From $500
AC 3 Row for A - $2500
AC 4 Row for G, C, C^{II}, L, M, F - From $750
AC 6 Row for C, C^{II}, G - From $2500
JD 2 Row for 40, 45, 55, 95, 3300, 4400 - From $200
JD 3 Row for 45, 55, 95, 3300, 4400
JD 4 Row for 105, 4400, 6600, 7700, Etc. - From $850
JD 6 Row for 6600, 7700, Etc. - From $5950
IH 2 Row for 91, 93, 105, 203, 205, 315, 303, 403, 615, 715 - From $350
IH 3 Row for 203, 205, 315, 403, 715, QT - From $850
IH 4 Row for 403, 715, 815, 915 - From $1000
IH 6 Row for 815, 915 - All QT - From $3500
MF 2 Row for 300, 410 - From $200
MF 3 Row for 300, 410, 510 - From $1000
MF 4 Row for 410, 510, 750, 760, Etc. - From $1500
MF 6 Row for QT - $3000
Oliver 2 Row for 25,525 - From $250
Oliver 3 Row for 525, 535, All QT - From $1000
Oliver 4 Row for 545, 555, All QT - From $1000
Case 2 Row for 600, 660 - From $250
Case 3 Row for 600, 660, 960 - From $1500
Case 4 Row for 1160 - $875
NH 2 Row for 975 - $1000
NH 4 Row for 975, 985, All QT - From $2000

MAKE AN OFFER

MUST REDUCE INVENTORY

Come Look, No Reasonable Offer Refused

WENGERS INC.

LONG

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

PHONE: 717-866-2135

NIGHTS, PHONE: 717-866-7147 or 717-273-9089

JOHN DEERE TRACTORS

A w/Widefront $1575
(2) G ..... Choice $1575
B-Unstyled $1575
730D-WF-Direct Ele.-Poor Cond. $2400
720 ..... $2450
720D-WF-3 pt.-Nice $3500
R-New Paint $3500
730D-Try-3 pt.-Direct Ele. $3500
730D-Try-3 pt.-Direct Ele.-Sharp $4250
820-2 Cylinder-Clean $4250
4020D-Diff.-1967-As Is $6200
650-4 WD w/Mower-200 Hours $6500
4430-4 Post-20.8x38-1975 ..... $7900
4520-Nice $8800
4020 Diesel-Console-Clean $9950
4230-4 WD-Cab-Quad-Excellent ... $16,800
7520-4 WD-Nice-Air-3 pt. & PTo.... $14,900
4320-4 WD ..... Coming in

FARMALL TRACTORS

H-Fenders-Clean $1475
Cub Lo Boy-As Is $1750
560 Gas-New Paint-As Is $2500
154 w/Mower & 3 pt. $2500
340-Try-PS-FH-Nice $2950
184 w/Mower $3000
350D Utility w/Loader & Plow $3450
560-D-WF-FH $3750
560D-Clean-Wide Front-FH $4500
806D w/Cab $5900
70 Hydro.-As Is $5900
1206 w/Cab-As Is $5950
806D w/Cab $6500
1066 w/Rops-No TA-1974 ..... $6700
656D-Hydro-Clean $6950
856 w/Cab $7950
826 w/Cab-Sharp-1900 Hours $7950
1466-Cab-Nice-1971 ..... $9700
584 Diesel-1980-1100 Hours $9800
1466-Cab-Air-Nice-Weights-1973 .. $10,800
1066 w/Cab & Duals ..... Coming in

FORD TRACTORS

6000D $2500
3000 Gas w/Loader $5950
4400 w/Loader $6400
5000D-1973-High HP $6450
6600D-Flat Deck-1976 ..... $8400
4600D-1981 ..... $8900
6700D-1977 ..... $9400

CASE TRACTORS

1070 w/Cab-As Is $5450
1030 w/Cab-Clean-Low Hours $5950
970D w/Cab-Sharp $7950
1030D w/Cab ..... Coming in

ALLIS CHALMERS TRACTORS

D14 w/Loader-Nice $3500
D19D-WF $3500
D19D w/Loader $3900
(2) 7000-As Is-Rops ..... $4900 ea.
7000-As Is-Cab $5900
200-Nice-1973 ..... $7850
220D w/Cab-Very Nice $8950
200 w/Cab-1975-Low Hours $8950

WHITE TRACTORS

1800D-WF-3 pt. $3900
MM Super 670 Gas-Clean $3950
Oliver 1750 w/Cab-As Is $4950
Oliver 2150 w/Cab-Nice $6950
1355 w/Loader-Sharp $7950
1955 w/Cab-Very Nice $8900
2-62-1980-Low Hours $9900

MASSEY FERGUSON TRACTORS

30-Needs Tune Up $1650
Ferg 20 w/Loader $2500
Ferg 30 w/Loader-Nice $3750
165 w/Loader-Gas $5950
1080D-1969 ..... $6900
1085D-1977 ..... $7900
165 w/Loader-Diesel $7950
1805 w/Cab & Duals-1975-Nice $15,950

DEUTZ & LONG TRACTORS

Deutz 6806-Orchard Special $6900
310 4 WD w/Loader ..... New
360 4 WD ..... New
460 4 WD ..... New

POTATO EQUIP.

Iron Age 2X Planter
1 Row Digger

TRANSPLANTERS

2 Row - Pull & 3 pt.

FINANCING AVAILABLE WITH 20% DOWN - UP TO 5 YEARS

SPECIAL PRICES ON ALL NEW EQUIPMENT

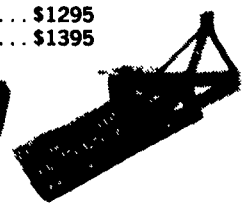
ROTARY MOWERS

4' 3 pt. $385
5' 3 pt. $395
6' 3 pt. $645
7' 3 pt. $1395
4' pull. $545
5' pull. $595
6' pull. $795
7' pull $1495
5' 3 pt. Estate-Hd $1295
6' 3 pt. Estate-Hd $1395

3 PT. ROTOVATORS

52" $1045
60" $1095
72" $1395
88" $1695

MORE SIZES AVAILABLE



3 PT. SCRAPERS, ETC.

6' Blade $175
7' Blade $195
8' Heavy Duty Blade $595
6' Landscape Box... $495
7' Landscape Box... $595
6' Stone Rake $495
7' Stone Rake $550
8' Stone Rake $595

OTHER NEW BARGAINS

3 pt. Cement Mixers $695
6½' 3 pt. Disc $495
1 Row 3 pt. Cultivator $95
3 pt. Potato Plow $95
3 pt. Boom Pole $79
3 pt. Boom Pole-H. Duty $179
12" 3 pt. Post Hole Digger-H. Duty $495
9 Tooth 3 pt. Chisel Plow $495
3 pt. Seeders $395
2 Axle 4 Ton Trailers $1495
1200 Bushel Corn Crib $895
3 pt. Hay Rakes-& Tedders $495
6 Ton Wagon $450
8 Ton Wagon w/Extra's $550
10 Ton Wagon w/Extra's $625
11 Ton Tandem Wagon w/Extra's $895
3 pt. Woodsaws $450

SPRING TOOTH HARROWS

JD 8' Drag | 12' 3 pt.
11' Drag

CORNPICKERS

NI 324 w/12 Roll Bed
NI 324 w/Super Sheller
NI 325 w/Super Sheller
NI 325 w/12 Roll Bed
NI 323-Demo
(2) NI 323 - Used
NI 10 1X Pull

PLOWS

JD 145 4x16 Semi
JD 145 5x16 Semi
IH 4X Pull
IH 3x16 FH
MF 5X Semi
JD 1350 5x16 Semi
JD 3x16 3 pt. Trip
JD 2x16 3 pt. Trip
PITTS. 1x12" 3 pt.
JD 1X Reset Add On
AC 3X SC
Oliver 2X 3 pt.
Oliver 3x14 3 pt.
Ford 2x12" 3 pt.
IH 1X FH
IH 4X Reset - Semi
IH 2X 1 pt. FH
IH 710 - 6x16
White - 4x16 Reset
White - 5x16 Reset
IH 1X Cub
IH 550 5x16 Semi
IH 710 5x16 Semi

CULTIPACKERS

Brillion 14' w/Transport
9' Sprocket Packer
Brillion 12' Mulcher
Brillion 10' Packer
Brillion 12' Packer
Brillion 16' w/Transport

LOADERS

MF Off 165
Loader Off AC D19
IH 34 Off 340 Utility
Ford Off 8N
Freeman Of 880 Brown
IH 2000 Off 504
AC Off I600
IH Off 464
JD 36A Off 1020
Loader Off JD 420
Souders Loaders
Loader Off MF 202

MOWERS

NH 451 Sickle
Oliver 3 pt. Sickle
Modern 7' Pull Rotary
MF 3 pt. Sickle
JD 38 Sickle
Ford 3 pt. Sickle
Mott 3 pt. 6' Flail
Woods 42" For Cub
JD 5' 3 pt. Rotary
Mott 4' 3 pt. Flail
6' 3 pt. Bush Hog
Deutz Fahr KM 22
IH 3 pt. Sickle

DISC'S

MF 20' Transport
Kewanee Rock Flex-13'
JD KBA 28 Transport
IH 10' Transport
JD KBA 28 Drag
IH 350 Transport-13'
Oliver 10' Transport
JD Plowing Disc

CULTIVATORS

IH 2X for "C"
IH 4X 3 pt.
JD RM4-4X 3 pt.
IH Cub 1X
IH 2X For H or M
JD 2X For H
JD 2X For 420
2X 3 pt.
IH Super "A"
IH 468 4X Front Mtd.
Pittsburg 6X 3 pt.
IH 4X Front Mtd.
JD 6X 3 pt.

SHELLERS & GRINDERS

MM 1200 Sheller
NI 315 Sheller Attach.
NI 314 Sheller Attach.
NI Super Sheller Attach.
NI 317 Grinder Attach.
NI 318 Grinder Attach.
IH 234 Sheller Attach.

SPREADERS

NH Tandem Axle-250 Bu.
Clay 1500 Gal. Honey Wagon w/Injectors

MISC. EQUIP.

(2) 4X Pull Stalk Chopper
Lely Pull Fertilizer Spreader
Lely Roterra
Danuser 3 pt. Post Hole Digger-Heavy Duty
Swartz Mixer Wagon
Corn Drags
Ferg 3 pt. Rake
Hesston 10 Stacker
JD 8300 Drill
LG 36' Elevator
IH 5100 Drill
IH Cub & 140 Attachments

NEW IDEA UNI SYSTEM ATTACHMENTS

731 4x40 Cornheads
743N Cornhead
725 3x30 Cornhead
766 Pickup Head
Extra Grain Heads
728 4x30 Corn Head

FIELD CULTIVATORS

IH 12' 3 pt.
JD 12' 3 pt.
JD 18' 3 pt.
Glenco 13' 3 pt.

CHISEL PLOWS

9 Tooth 3 pt.
Landoll 10' Pull-Chisel
11 Tooth 3 pt.
12 Tooth 3 pt.
7 Tooth 3 pt.
10 Tooth 3 pt.
5 Tooth V Chisel
Taylor Subsoiler

FLAIL CHOPPERS

NH 36

CORNPLANTERS

IH 400 4X No Til
IH 2X Fast Hitch
MF 2X 3 pt.
Ford 6X Pull
JD 1240 Plateless
JD 246 - 3 pt.

ROLLBARS & CABS

IH 2 Post w/Roof
IH 806 Cab
Case 1070 Cab
AC 7000 Rollbar
IH 1206 Cab
JD 2 Post Rollbar
JD 4020 Cab
DB 1200 Cab
Case 1030 Cab
(30) Combine Cabs
Case 990 Cab
AC 7030-7050-Cab
Oliver 1750 Cab
AC 7000 Cab

CONSTRUCTION EQUIPMENT

NEW 1985 TRAILERS ON SPECIAL

• 2 Axle, 4 Ton, 14 Ft. $1495

SKID STEER LOADERS

IH 4150 Diesel . $8300
Gehl - As Is $1900
Melroe 731D .. $6800
Case 1740D ... $5800

OFF ROAD ROCK DUMPS

(4) Mack 25 Ton Rock Trucks From $38,600
(3) Mack 20 Ton Rock Trucks... $84,700
Mack 35 Ton . $44,900

FORKLIFTS

Int. 4500B-21' .. $12,600
4000 lb., Solid Tires, Side Shift... $2300
Clark 8000 lb. $6900
Toyota 8000 lb. Diesel $14,500

RUBBER TIRED LOADERS

Ford A62 ..... $26,200
AC 605B $27,600
Case W9 ..... $8900
Trojan $7900

BACKHOES

Ford 4500 ..... $9600
Ford 5500 ..... $12,800
Ford 800 ..... $5600
Case 580C $19,800
Case 580C $18,400
Case 420-As Is.... $3500
Case 580B $13,500
Case 580B $13,250
IH 3800 ..... $9900
MF 202 ..... $4900
Case 580B $13,400
Case 580-As Is.... $5900
Case 580-As Is.... $6100
Case 530-As Is.... $5400
JD 310 ..... $13,700

TRAILERS

1985 2X 4 Ton $1495
1985 3X 9 Ton $3900
1985 2X 12 Ton... $5800
1984 2x6 Ton..... $3250
1980 12 Ton Tilt Top $6100
9 Ton Gooseneck.. $3450
1981 Delta 48' Drop Deck.. ..... $14,950

BACKHOE ATTACHMENTS

JD - Ford - IH - Case - AC - Long - Sherman

CRAWLER LOADERS

Oliver HG..... $2400
JD 350B w/Backhoe $16,600
IH 125E $23,700
Cat 941 w/4 in 1 bkt $23,700
JD 450C w/Ripper.. $16,500
JD 1010 w/Ripper... $6900
AC HD3 ..... $6900
Cat 933G..... $6700
IH 100C w/4 in 1 ..... $13,600
IH 150 w/Cab..... $8900

TRACTORS WITH LOADERS

Oliver 1355 ..... $7950
Ford 4400 ..... $6400
AC D14 ..... $3500
MF 165..... $7950
Ferg 20 ..... $2500
IH 350 ..... $3450
MF 165..... $5950
Ferg 30 ..... $3750
Ford 3000 ..... $5950

LOG SKIDDERS

JD 540A-1972 .. $11,800
Clark 666B-1975 w/Grapple .. $19,700
JD 640 w/Grapple .. $29,900
JD 640 ..... $28,900
Dunham-1975 .... $8900
JD 440C-1980 .. $25,300
JD 440C-1978 . $23,800
JD 440C-1978 .. $23,600
Prentice G Log Loader..... $7900

DOZERS

JD 430 ..... $4800
Cat D8H $24,700
Cat D4C $12,700
IH TD6-62 Series..... $5900
Case 350B-6 Way-1979 $18,200
Case 350B-6 Way..... $18,600
Case 350-6 Way-Winch $7800
Oliver HG-Bare $1800
IH 340 6 Way $3900
AC HD5 w/Ripper .. $3900

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ON OUR LOT TODAY... ON YOUR FARM TOMORROW

See us about immediate delivery on Used Equipment

FOR LOW-TILL OR NO-TILL

Save fuel, time, moisture and soil with a Max-Emerge® conservation planter

Here's a rugged planter you can rely on in most soil conditions, including stubble and many sod fields.

Heavy-duty springs help transfer weight from the 7-inch frame to each planting unit to keep unit-mounted coulters in the ground. Frame-mounted coulters and cast-iron firming wheels are available, too, for extra-tough conditions.

Whether you no-till, low-till or conventionally till your ground, these 4-row (30 to 40-inch rows), and 6- and 8-row narrow models can help you save fuel, time, moisture and soil. See us soon for details.

(2) 6 row conservation planters left at '84 Prices.
Waiver of Interest And Payments Until Spring Of '85

4440 JD Tractor, excellent condtion, low hrs., sound guard cab, power shift trans.
2640 JD Tractor, excellent condition, hi-low trans., 38" tires.
2630 JD Tractor, good condition, hi-low trans.
1586 IH Tractor, dual 20.8 x 38 tires w/ cab, air conditioning and heater.
H IH Tractor, good condition.
6650 Fox self propelled harvestor w/ 4 wheel drive, 3 row head and 5½' pickup.
791 NH Spreader w/ hydraulic endgate and new apron chain.
(1) 6600 JD diesel combine
(1) 7720 diesel combine w/ 4 wheel drive
(1) 643 corn head
(1) 444 corn head
(1) 213 flex platform
(1) 215 rigid platform
127 JD Flail shredder, repro., excellent condition

Financing Available
Waiver on All Seasonal Equipment

Until First Month of Use Season

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Used Backhoes and Loaders

Int. 260-A backhoe
Ford 5500 backhoe
2 Ford 4500 backhoe
John Deere 400 backhoe (rebuilt engine)
Int. 2514 backhoe
2 Int. 3514 backhoes
Massey Ferguson 202 loader
Ford 9N loader
Melroe Bobcat 720 skid-steer loader
Int. 4150 skid steer loader
Int. 3300 skid steer loader
Int. 125E crawler-loader with new under-carriage

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USED TRACTORS

Case 1290 Diesel
Ford 4000 Diesel
Ford 8N w/Loader
IH W6
JD A Cyclone, Rollamatic
JD 70 Diesel
JD 4020 w/Cab
JD 60
Framall Super C, Fast Hitch
Farmall Super H
Farmall H
(1) MF 50 Gas
Oliver Hart Parr 15-28 Rating
Huber

HAY & FORAGE EQUIPMENT

NH 273 Baler w/Thrower

OTHER

NH 24 Ft. Elevator
NI 42 Ft. Elevator w/3 HP Motor

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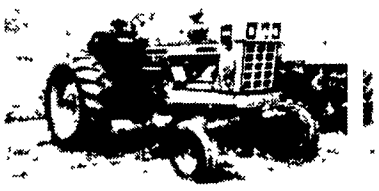
Stock #3656 IH F826D
with Turbo, 105 Hp, Tricycle,
TA, 3 Pt. Hitch



Stock #2858 IH F966D,
TA, 3 Pt. Hitch,
Wide Front

Stock #3832 JD 2440
w/JD 146 Loader,
1982, Very Good

Stock #3679 IH 234
4 Wheel Drive, 144 Hrs.,
Excellent

Stock #631 Cub 154
Lo-Boy
with IH 3160 Mower

- Waiver of Finance Available On Most Used Equip. To Credit Qualified Buyers
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USED EQUIPMENT

Tractors
Cab for 966 or 1066
Farmall H
Farmall M
IH Farmall 656 D Hydro
IH I-544 Gas
IH F460D
IH F826D
IH 234D
F966D, No Cab
JD 1010
JD 2440 w/Loader
Oliver 70

Plows
IH 211 Plow
IH 311 2 Pt.
IH 312 Plow
IH 450, 3F Plow
IH 531 Plow
IH 560 Plow
IH 550 Plow
IH 2F Trailing
IH 3F Mtd. Disk Plow
IH 5500 Chisel Plow, 7 Ft., 2 Rank
AC 2-Way For Model B
Case 4F 16" Plow
JD 5F Hydraulic Reset
Dunham 8 pt. Chisel Plow

Cornpickers
IH 234 Snapper Unit

Combines
SP IH, Model 205 Corn & Grain
SP IH #91
SP MF #35
NI 710 Uni Combine
NI 725 Cornhead
IH 743 Cornhead
IH 810 13-ft. Header
JD 45 w/2 Row Cornhead and 10 Ft. Grain Head

Miscellaneous
200/300 Gal. Sprayers

Tillage
Waiver to 3/1/85
IH 8 Ft. Disk
IH 9A Disk
IH 45 Vibra Shank, 18½'
IH #24 Offset Disk
Oliver 36 Disk
Ford 12' Disk
Brillion 16' Cultipacker
Kewanee Culti-Mulcher

Skid Loaders
IH 2001
IH 2350
Bobcat 543
Bobcat 600
Bobcat 642
Bobcat 700
Gehl 3000
Dunham

USED EQUIPMENT

Lawn & Garden Tractors
IH Cub 154 Lo Boy w/mower
IH 125 Cadet w/Mower
IH 147 Cadet w/Mower
IH 122 Cadet w/Mower
IH 782 Cadet w/Mower
IH Cadet 80
IH Cadet Blades
IH Cadet Snow Blowers
IH 60 Riding Mower
Case 80 Riding Mower
MF 7 w/Mower
MF 12 HP w/Mower
AC B10 w/Equipment
JD 110 w/Mower & Snow Blower
Ford LT75 w/Mower
Wheel Horse 14 H.P.
Brinly Disks
Brinly Cultivator
Brinly Plow
Power King 42" Snow Blower

Planters
IH 400 Cyclo 4R
JD 1250 6R
Ontario 14x8 Drill
IH 510 Drill
IH 449 4R
IH 500 6-Row
IH 56 2 Row
IH 56 6 Row
Vicon 600 Seeder

Forage Equip.
Dion Model 60 Blower
JD #6 For. Harvester
IH 350 For. Harvester
IH 550 For. Harvester
IH 650 w/2 Heads
IH 830 Harvester
Grove 14' For. Box
IH 56 Blower
Gehl 99 Blower
Badger Blower
NH 23 Blower
AC 7' Mower For Model B
IH 110 Mower
IH 990 Mow. Cond.
IH 420T Baler w/Thrower
IH 430T Baler w/Thrower
IH 47 Baler
AC 303 Baler
NH 90 Bale Stacker
Woods Rotary Mowers

Spreaders
NH 679
NH 345 Tank
Hawk Built 187

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bobcat

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NI 310 NI 710

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IH 240
IH 806 WF, Fast Hitch, Dual PTO, Hyd., New Paint
IH 656 WF, 3 Pt., Front Wheel Weights
IH 544 WF, 3 Pt., Hydro
IH 3414 w/Loader
IH 340 w/Loader
Oliver 1850 WF, Dual PTO, Dual Hyd., New Tires
Oliver 1750 WF, Dual Hyd.
Oliver 1800 WF
JD 720 WF, 3 Pt., Hyd.
MF 50
Ford 340 Skid Steer Loader
Ford 5550 Backhoe & Loader w/Cab & Heater Nice Condition

INDUSTRIAL

IH 150 Crawler Loader
Oliver 55 Backhoe & Loader
MF 304 Backhoe & Loader
JD 440 Dozer
Pettibone Speed Swing Bucket and boom. Jimmy Diesel Motor

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NEW VERMEER EQUIPMENT

(1) 605H Baler
(2) 504G Baler
(1) Hydraulic Drive Rock Picker
(1) 10' No-Til Grain Drill
(1) 23' Twin Rake
(1) 605 A
(1) 605 D

NEW VICON EQUIPMENT

(3) KM 321 Mower Conditioner 10' 6"
(1) KM 281 Mower Conditioner 9' 5"
(3) KM 240 Mower Conditioner 7' 10"
(3) CM 240 Mower 7' 10"
(2) 16' Tedder
(3) Vicon Square Baler
(2) Double V Rake
(4) Single 4 wheel Rake
(6) 100-500 gal. Sprayers w/elec. & manual controls
(12) 3 pt. Fert. spreaders

USED EQUIPMENT

(1) 256 Bale Buster
(2) RC 300 and 330 Tedder-Rakes
(2) Large Rd. Balers, 1200 and 1500 lbs.
(1) NH 277 Square Baler w/Thrower
(1) NH 283 Square Baler w/Thrower
(1) NH #68 Square Baler, no Thrower
(1) NH 1210 Bale Wagon
(1) NH #260 Rake w/hitch
(1) MF T0 35 Diesel

MF Massey Ferguson

TRACTORS & EQUIPMENT

R600 Mack Truck Tractor
MF 30B Tractor w/Loader & Cab
MF 40 Diesel Tractor w/Loader Backhoe
AC D17 Dsl. Tractor
MF 50C Tractor w/Loader & Cab
Ford NAA Tractor
MF 760 Combine w/Attchs.
IH 440 Baler
NH 320 Baler w/Thrower
NH 310 Baler
NH 273 Baler w/Thrower
NH 518 Manure Spreader
NH 213 Manure Spreader
MH 35 Combine

NEW M.F. EQUIPMENT

MF 285 Tractor
MF 240 Tractor
MF 1030 Tractor 4 WD
MF 1010 Tractor w/218 Mower
MF 20 Turf Tractor
MF 236 Loader
MF #43 2B Plow
MF 820 Disc Harrow
MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 22 Bale Thrower
MF 218 3 pt. Rotary Cutter
MF 222 Scraper Blades

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JD 850, 1050, & 2040 Tractors
JD 714 Forage Boxes
JD 1209 Mower Conditioner
Parker 250 Gravity Bin
JD 650 & 750
Bushhog rear blades
Hesston 1014 Hydraulic Conditioner
Bush Hog 1432 Disc

JOHN DEERE

USED EQUIPMENT

JD B
JD 520
JD 720
IH 154 Low Boy w/Mower
Farmall MD
Farmall Super M WFE
JD 614 Rotary Hoe
JD 336 Baler w/Ejector
JD 1300 Bean Planter
NH 275 Baler
NH 68 Baler
JD 34 Harvesters

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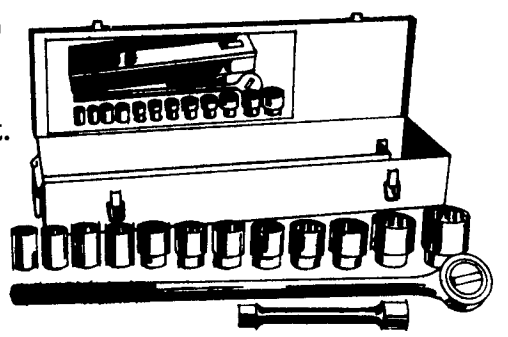
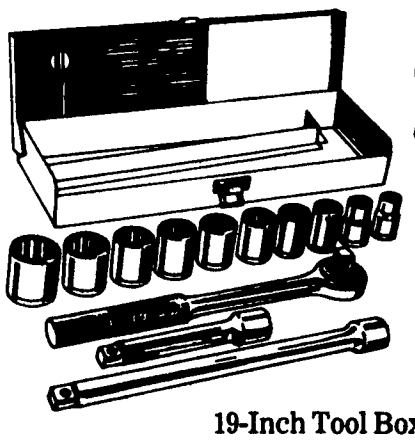
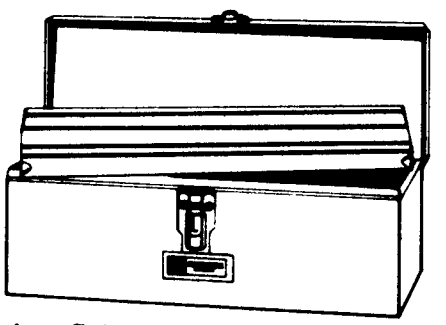
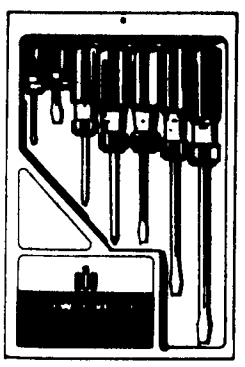




14-Piece ½" Drive Socket Set.

19-Inch Tool Box





7-Piece Screwdriver Set

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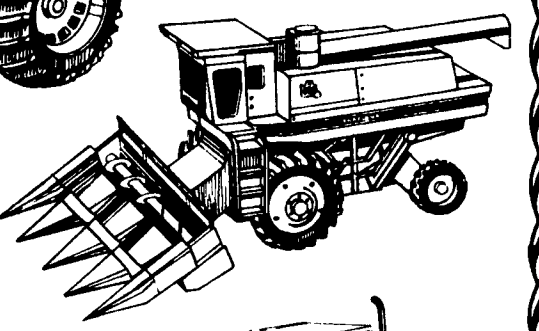
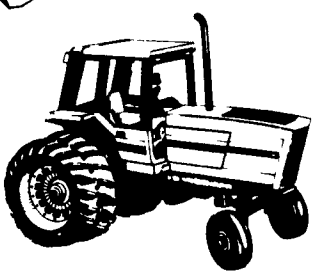
BRING OUT THE JOY...GIVE AN AUTHENTIC IH FARM TOY!

Radio Controlled Tractor Just Like Dad's.



Axial Flow Combine

All-Wheel Drive Tractor



Miniature 5088 Tractor

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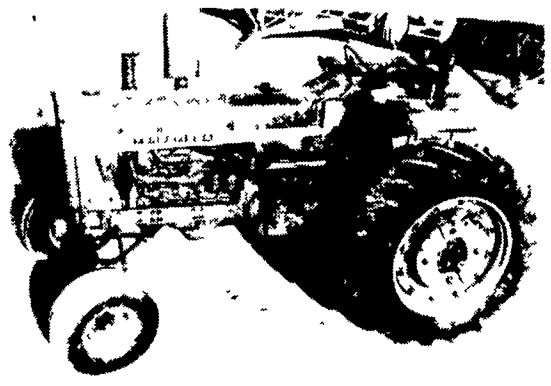
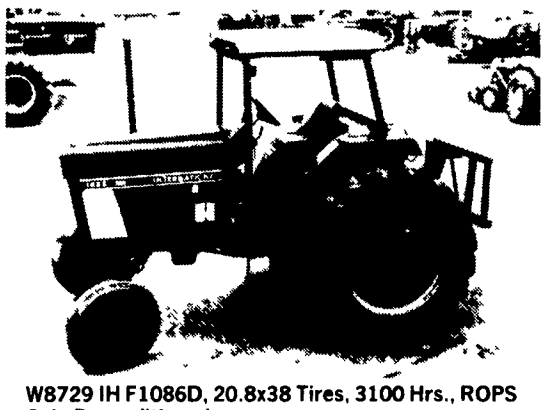
(Tractors Traded On IH Sales Only)

QU
USED TRACTOR
Backed By Hoob

USED A

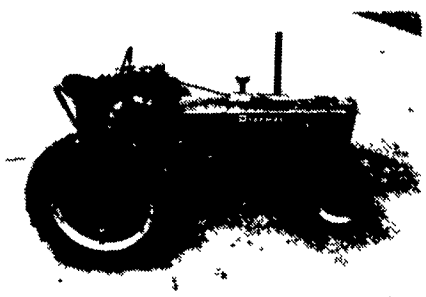


W9633, IH, F1026D Hydro, 18 4x38 Tires, Dual PTO, Clean Hydro Tractor

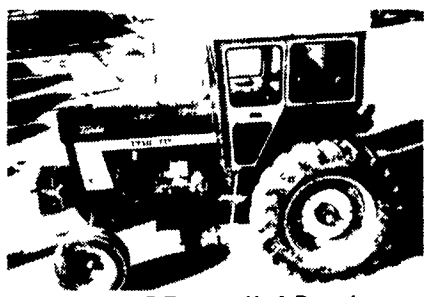


W8729 IH F1086D, 20.8x38 Tires, 3100 Hrs., ROPS Cab, Reconditioned **PRICE... $17,300**

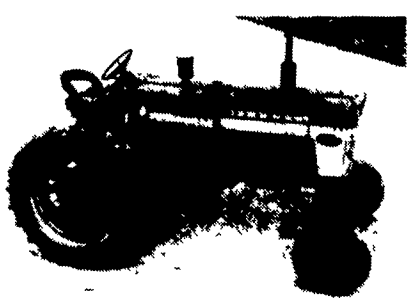
W9605 - Versatile 160 Loader, Bi-Directional, 889 Hrs., 7' Bucket, Exceptional Value **PRICE... $21,000**



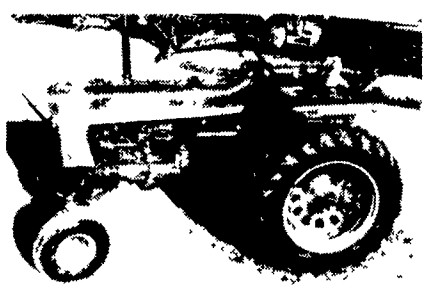
W9625 IH Farmall H, Excellent Paint and Mechanical Condition **PRICE... $1,300**



W9022 F1066D Tractor, Yr-A-Round Cab w/A.C , 3998 Hrs., Dual PTO **PRICE... $13,500**

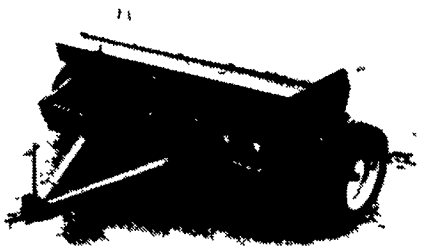


W9623 IH F560D, Wide Front, Fast Hitch

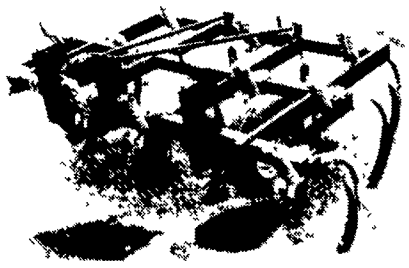


W9646 - IH, F856D Tractor, 18.4x38 8P, Dual PTO, 3 Point Hitch

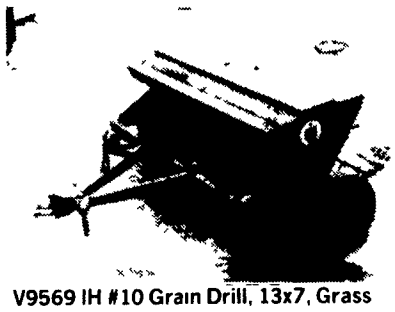
USED TILLAGE



V9544 IH 510 Grain Drill, 16x7, Grass Seed, DD Openers

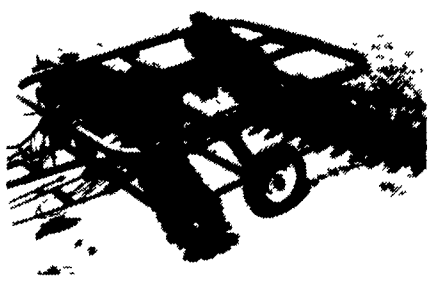


T9513 IH 55 Chisel, 11' Mounted, New Points

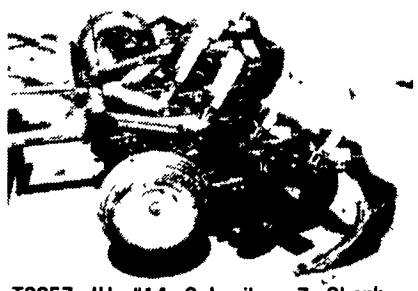


V9569 IH #10 Grain Drill, 13x7, Grass Seed **PRICE... $900**

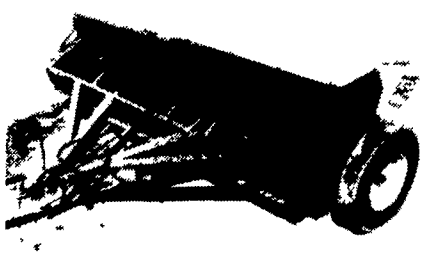
T9587 Miller 10' Offset Disc Harrow



T9023 Deere 215 Disc, 12'5", 9" Spacing, 22" Discs

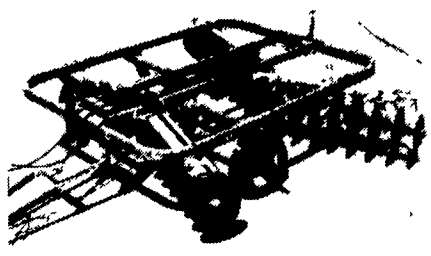


T8857 IH #14 Subsoiler, 7 Shank Automatic w/Coulters

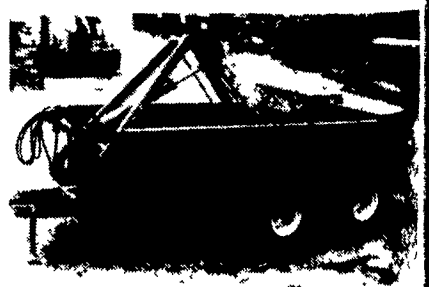


V8881 IH 510 Disk, 21x7 Combination, Single Disc Openers

T9595 Dunham Ultra-Mulcher, 25' Wing-Fold, 20" Packer Wheels, Field-Ready



T9074 Deere Model 210 Disc, 12 Ft., 9" Spacing, 20" Blades



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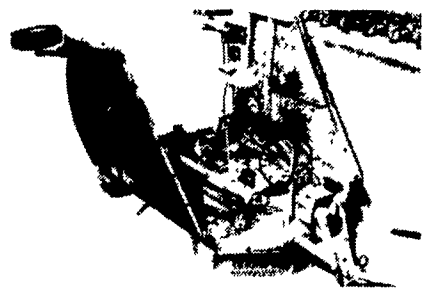

U8991 Rhino Flex XV Cutter, 540 RPM

U9445 Woods Model 120 Mower, 10' Cut Heavy-Duty **PRICE... $1,10**

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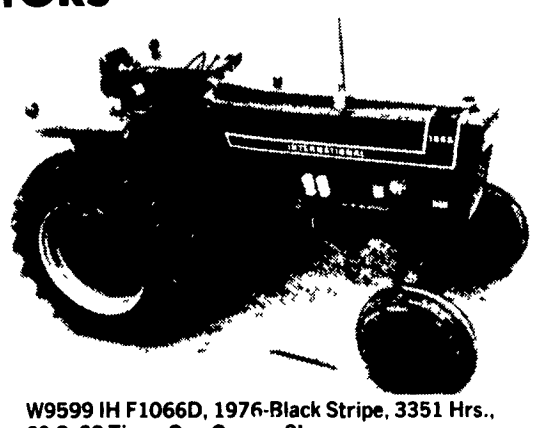
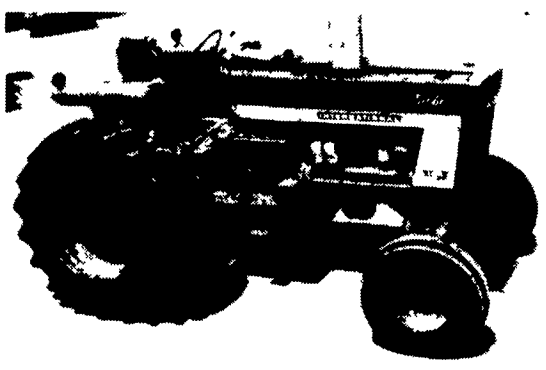
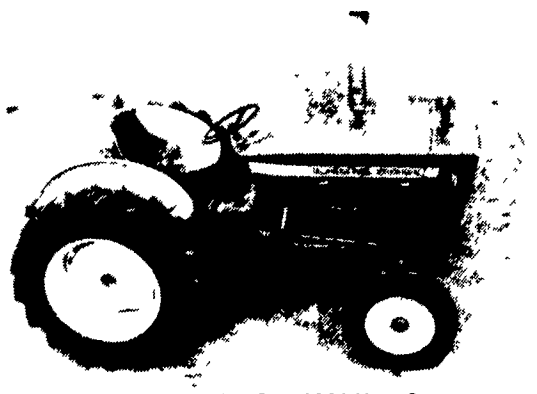


W9599 IH F1066D, 1976-Black Stripe, 3351 Hrs., 20.8x38 Tires, One Owner, Sharp
PRICE... $14,975

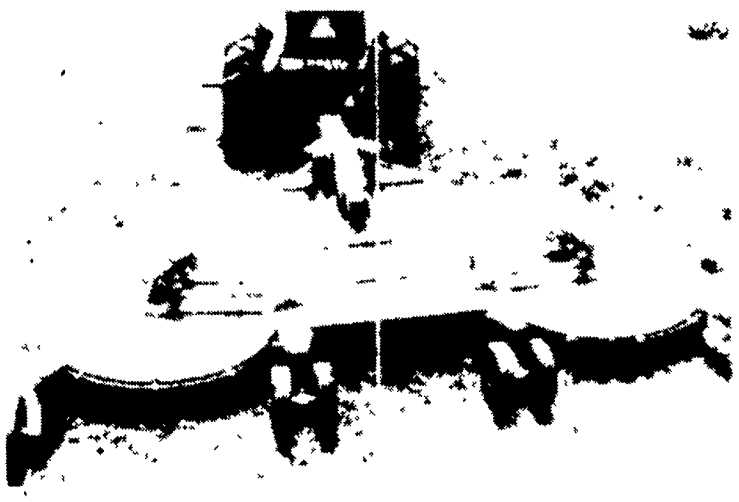


W9236 - IH F1466D, 24.5x32 Tires, Dual PTO, Aux. Fuel Tank
PRICE... $14,800



W9597 Ford 3000 Utility, Gas, 2080 Hrs., One Owner, Used Only For Mowing
PRICE... $3,800

ORN STALKS WITH A



TR

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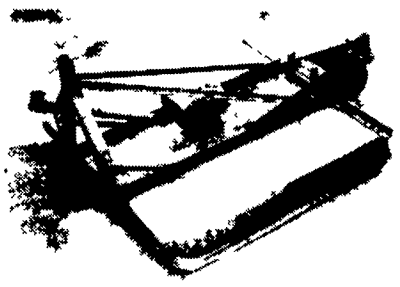
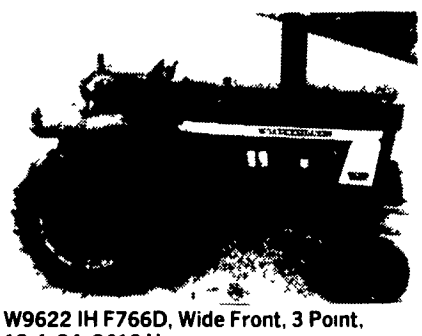
U9611 JD, 15' Flex-Wing Cutter, Model 1508

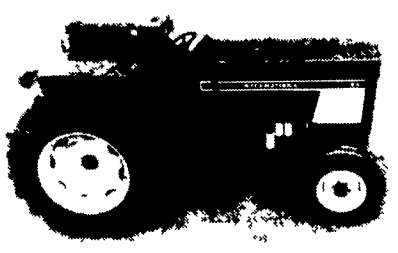


U9609 5' 3 Point Hitch Cutter



W9622 IH F766D, Wide Front, 3 Point, 18.4x34, 3618 Hrs

W9260 Versatile 150 Loader, Bi-Directional, A/C, 1977, 540 PTO
PRICE... $14,500

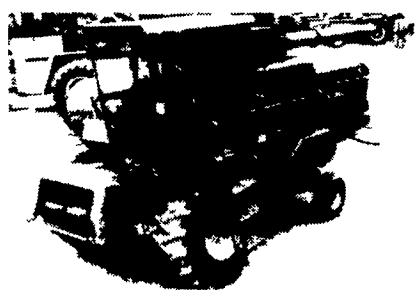


W9472 IH 84 Hydro, 16.9x30 Tires, 1216 Hrs., 1979
PRICE... $10,900

W9610 JD 8630 4WD, 20 8x38, PTO, Blade, 3 Pt Hitch

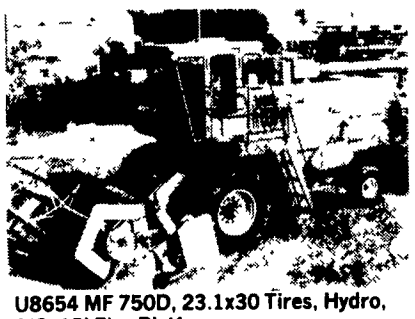
USED COMBINES

U9037 IH 715D Hydro, 18.4x26 Tires

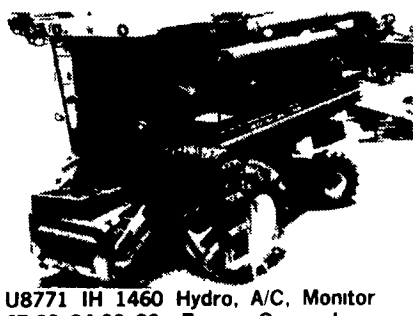


U8742 MF 510 Gear, A/C, 44 Cornhead & 13' Platform

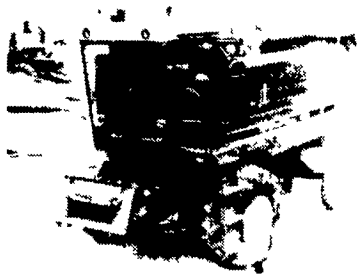
U9596 - IH, 815 Combine, Hydro, Diesel, Auto Header Control, Cab w/Air, Sharp 815 Priced To Sell Now



U8654 MF 750D, 23.1x30 Tires, Hydro, A/C, 15' Flex Platform

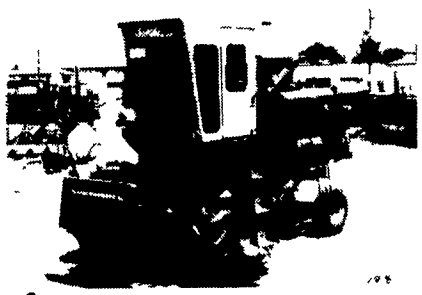


U8771 IH 1460 Hydro, A/C, Monitor 67.00x34.00x30 Tires, Grain Loss Monitor, 1981 Hrs.

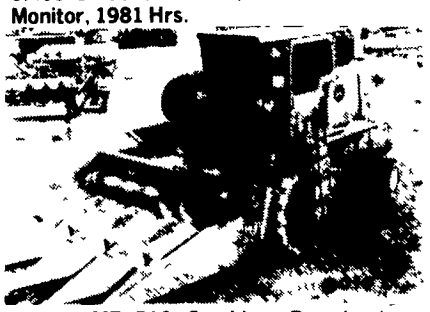


U9292 IH 1460 Hydro, A/C, Monitor, 28Lx26 tires, 2459 Hrs.

V9608 UFT 400 Bushel Grain Cart w/PTO Driven Auger
PRICE... $4,900



U7818 IH 715D Hydro, A/C, Monitor, 18.4x26 Tires



U8010 MF 510 Combine, Diesel w/ 1143 Cornhead

U7961 IH 915D, 28Lx26, 12.4x16 Tires, A/C, Monitor, AHC, 1475 Hrs.

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AC 8 Row No-Till 20" Planter
Hesston 5500 Rd. Baler
Kewanee 20' Field Cultivator
JD 216 Wagon, 3 btr. & roof.
IH 110 3 Beater Wagon
NH 1495 Gas SP Windrower
NH 479 Haybine
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White 598 6 Bottom Vary Width Plow
Hesston 12' Hydro Swing
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Hesston PT10 Windrower
JD 2280 diesel 14' windrower
111 JD 12' Disc Harrow
NH 368 Flail Spreader
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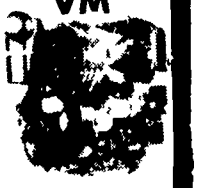

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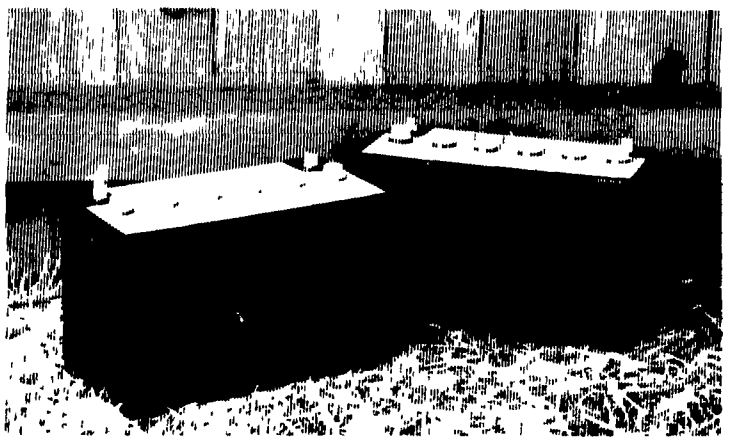

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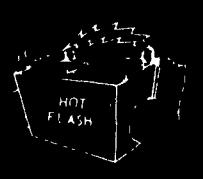

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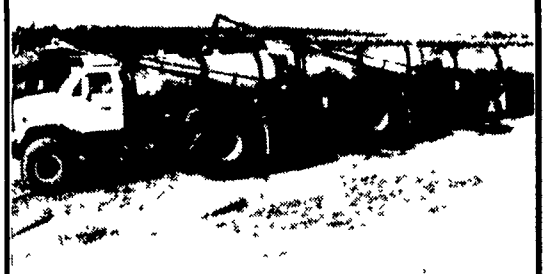

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ACRES OF USED AND RECONDITIONED FARM EQUIPMENT AND TRACTORS
Also
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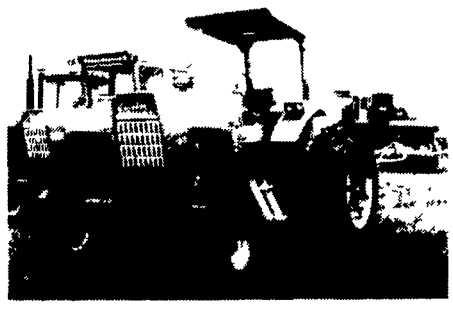
WE WILL BUY OR TRADE YOUR USED EQUIPMENT IN ANY CONDITION

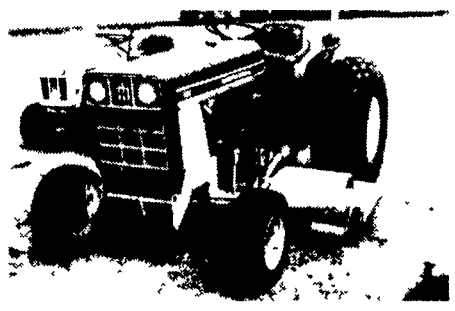
9¾% Financing on Used Tractors

FORD 8600



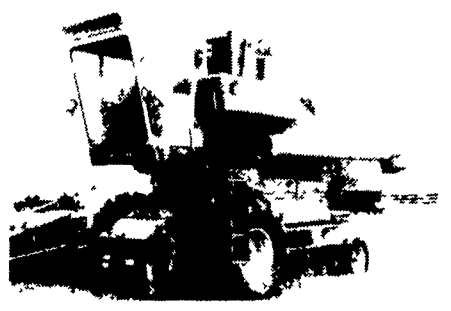
Ford 8600 Dual Remotes Wide Frt. End w/Canopy Dual Power, Great Shape

IH 184 LO BOY



IH 184 Lo Boy w/Belly Mower, Low Hrs., Ex. Cond. $4500.00

N.H. COMBINE



Finish Your Corn or Beans With This Machine, Well-Taken Care of, Call Us For Your Best Price

---

USED FORD TRACTORS

Stock#	Description
12684	Ford 9N Tractor
13630	Ford 8600 Tractor
13730	Ford 901 Tractor
13787	Ford 4500 Tractor Loader Backhoe w/2 f[SOLD].H. bucket
13844	Ford 9N Tractor
13971	Ford 7600 Tractor
13989	Ford 5000 Tractor
14053	Ford 1200 w/Loader & Backhoe
14336	Ford Tractor w/Rops & Rear Whl. Weights 1910 & 770 B-2 Quick-Attach Loader
14340	Ford 7710 Tractor w/777 Quick-Attach Loader, Repossessed

Coming in:
JD 4020
Ford 4000 w/Loader
Used Chisel Plows
Used 7 Shank Glencoe Soil Conditioner
Used IH 5 Btm. Auto Reset Plow

JUST A PARTIAL LISTING OF OUR GOOD USED EQUIPMENT

USED KUBOTA TRACTORS

Stock#	Description
13016	Kubota L235DT 4WD Tractor, 176 Hours
19143	Kubota B6100E 2 WD Ag Tires
13228	Kubota B7200 2 WD w/RC60-72 Mower
13288	Kubota B5100DT-4WD Tractor
13551	Kubota B7100DT Tractor
13721	Kubota B7100DT Tractor w/B219 Loader
13893	Kubota L225, 2WD Tractor w/Turf Tires
13990	Kubota L305 4WD Tractor w/Frt. Blade, Rear BH
14111	Kubota B6100HSE Tractor w/MR4800 Mower
14112	Kubota B6100HSE Tractor w/MR6000 Mower
14195	Kubota L225 Tractor w/Loader & Backhoe
14248	Kubota L245DT w/Loader
06170	Kubota 4500 w/Loader, Low Hrs., Ex. Cond.

USED LAWN & GARDEN TRACTORS

Stock #	Description
11344	Massey Ferguson LGT 12 HP
11383	Jacobson LGT w/Belly Mower
11420	Ford LGT 8 HP
11757	Ford LGT 120 w/Hyst. & 42" Mower
12008	Gilson LGT Hydro 14 HP
12133	10136 Sears LGT w/Mower
12812	Simplicity [SOLD]7016
12883	Ford 125 LGT w/42" Mower
13501	John Deere LGT 212 Tractor12 HP
13572	Ford LT-75 Tractor w/34" Mower
13677	Massey Ferguson LGT MF1855 w/Frt. Blade & 54" Mower
13822	Sears LGT 16 HP
13841	Ford LGT 120 w/42" Mower
13847	Little Cub w/Mower, Plow, Snowblade, Cult.
13853	Massey Ferguson 7 HP LT w/Mower
13854	Jim Dandy Tractor 14 HP w/Loader Till[SOLD]ade, Mower & Cultivator
13874	Jacobsen 7 HP LT w/Mower & Box
13920	Massey Ferguson LT7 HP
13949	Wheelhorse Tractor 10 HP
13994	Bolens LGT w/Blade 7 HP
14006	John Dee[SOLD]GT w/Mower
14008	Massey 1655 LGT w/Mower & 3 Pt.
14009	Allis Chalmers 414 w/Mower & Tiller

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Pa. 17042
Rt. 419 1 mile West
of Schaefferstown,
Buffalo Springs

KELLER BROS. TRACTOR CO.
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Lebanon County
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case

TRACTORS
- Case 430
- Oliver 500
- JD 2630
- JD 2010 w/Loader
- White 2-105 Tractor
- Ford Jubilee
- IH 350 w/fast hitch

LOADERS
- Case 1737 Skid Loader
- Case 1740 Skid Loader
- Case 1816 Skid Loader
- Case 1830 Skid Loader
- Case 450 Crawler Dozer
- Int 3200 Skid Loader

TILLAGE
- JD 3 Bot 3 16 Plow
- 318 Spring Reset Plow
- Int 700 5 Bot 16" Plow
- Case Disc Harrow, 10'
- Oliver 2 Bot Trailer Plows
- MF 3 Bot Plow
- Mohawk 7 Tooth Chisel Plows
- Case 10' Disk
- 3 Pt Disk
- Used Cultipacker

HARVESTING EQUIPMENT
- Hesston 2000 150 Harvester
- Hesston Harvester Head-3 Row Wide
- Case 600 Combine w/3-Row Head
- NI Unisystem 702 Tractor, 702 Diesel, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 727 Husking Bed
- NI 767 Super Chopper
- NI 743 Cornhead
- NI 323 1-Row Corn picker
- NI 324 12 Roll Husking Bed
- Case 300 Harvester
- NH 717 Harvester
- Gehl 1200 Harvester w/pickup and 2 row cornhead
- Oliver 73H 2 Row Cornpicker
- Int 234 Mounted Picker

HAY EQUIPMENT
- NC 7 Ft Mower
- JD 1209 Windrower
- IH 1190 Windrower
- NH 479 Windrower
- Hesston PT 10
- Hesston 1090 Windrower
- 2 Bale Thrower Wagons
- Case Hay Rake
- NI Hay Rake
- NI 456 Round Baler

MISCELLANEOUS
- IH 400 Corn Planter, 8 Row
- 4-Row Cole Corn Planter
- 6 Used Spreaders
- NI 218 Spreader
- IH 275 Spreader
- Weaverline Cart 24 Bushel

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

1 FARM EQUIPMENT

B&R FARM EQUIPMENT

NEW EQUIPMENT

AC 2500 Disc 10 ft. 10 in.
AC 8010 PS w/20.8x38 Radials
(2) AC 6080 2 WD
AC 16 ft. S-Tine Field Cultivator
AC 6070 FWD
AC 6080 2 WD w/Cab
AC 8030 FWD
AC 1200 15½ Ft. Field Cultivator
AC 1200 16½ ft. S-Tine Field Cultivator
AC 1500 Min-Till
AC F3 Combine w/Floating Cutting Bar
NH TD 50 Disk
w/$1500 Factory Rebate

USED TRACTORS

AC 175 Diesel
IH 986 Diesel w/cab
MF 1135 Diesel w/cab, heat & air
AC 7040 w/Cab, Heater & Air

USED HAY & FORAGE EQUIPMENT

2 NH 717 Forage Harvesters
JD Tank Spreader
Gehl 600 Forage Harvester
IH 555 Forage Harvester w/2 Heads
NH No. 7 Forage Wagon w/new running gear
NI Rake
NH 77 Baler w/ Motor Thrower
JD 24T Baler w/ Kicker
NH 268 Baler
NH 269 Baler
(2) IH Balers w/Throwers
Lely 4 Wheel Rake
JD 14A Crop Chopper
AC 2000 Series 4 Bt. Plow Auto Reset

SPREADERS

NH 518 2 Beater
NH 513 2 Beater w/Hyd. Endgate

MISCELLANEOUS

AC 460 Loader w/2 Buckets (Will fit AC 6060 or 6080 Tractor)

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AVCO VM Diesel

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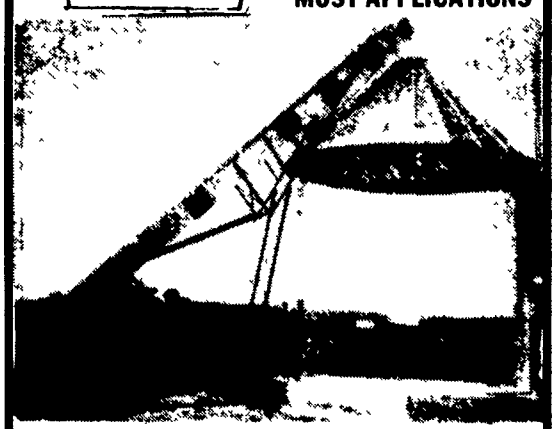

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Will Carry Your Corn & Hay
32 ft $1510
36 ft $1740
Also Available Every 4 Ft (28' to 48')

BEHLEN CORN CRIBS
- 960 BU. $895
- 1205 BU. $970

SPECIAL

Portable Hydraulic Unit w/8 HP Engine & 100' Hydraulic Hose, To Run Elevators, Etc.
$600.00

USED EQUIPMENT

- Master G M.C. Rotary Cutter, 5 or 6 ft

TRACTORS

- Farmall H, Good Condition 750.00
- Int Super A w/Cultivator 1950.00
- Super A & Cub Snow Plows 200 00 ea

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8 Miles East of Lancaster
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USED EQUIPMENT

- Patz Barn Cleaner Chain
- Patz Slide
- Various Patz Parts For Barn Cleaners
- One Clay Barn Cleaner Drive Unit

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SPECIAL PRICES ON ALL TRACTORS & EQUIPMENT IN STOCK

★ Waiver of Finance
★ Cash Discounts
★ Low Interest Rates

NEW TRACTORS

IH 234 2 WD Hydro. 18 HP
IH 784 67 HP w/PA
IH 3088 80 HP w/Out Rops
IH 3088 80 HP w/Rops
IH 5088 135 HP w/Cab

NEW TILLAGE EQUIPMENT

IH 720 5F 18" Auto. Plow
IH 475 12' Disc Harrow
IH 480 13' Disc Harrow
IH 4500 12' V.S. Field Cult.
IH 5509 3 pt. Chisel Plow
IH 5511 3 pt. Chisel Plow
IH 6511 Con-ser Till Chisel

NEW PLANTING & SEEDING EQUIPMENT

IH 800 4R Plate Planter
IH 800 4R Air Planter
IH 800 6R Air Planter
IH 5100 18x7 Plain Drill
IH 5100 20x6 Plain Drill
IH 5100 18x7 Comb. Drill

NEW MATERIAL HANDLING

IH 540 Spreader
IH 550 Spreader
IH 40 Heavy Duty Blade
IH 1250 Grinder Mixer
IH 2250 Loader

NEW HAY & FORAGE EQUIPMENT

IH 86 Hay Rake
IH 600 Forage Blower
IH 435 Baler w/Thro
IH 1190 Mower Cond. 9'
IH 1490 Mower Cond. 12'
IH 781 Harvester w/2 Hds.
IH 881 Harvester w/2 Hds.
Ih 130 Forage Box

NEW GRAVITY BEDS & RUNNING GEARS

E-Z Trail 8 Ton Running Gear w/tires & Quick Hitch $900
E-Z Trail 10 Ton Running Gear, w/tires & Quick Hitch ... $1,150

USED TRACTORS & EQUIPMENT

IH 1486 w/Cab $22,950
IH 1086 w/Cab $20,950
IH 986 w/Cab & Duals $18,950
IH 966 Hydro. w/Cab $9,950
IH F-C $1150
IH F12 ..... $695
NI 323 1R Corn Picker $2650
NI 325 2R Narr. Picker $4850
IH 46 Baler w/Thro $1250
IH 37 Baler w/Thro $1750
IH 650 Forage Harvester w/Hds. $1250
IH 531 3F 14" 3 pt. Plow $475
IH 540 4F 16" Plow $1150
IH 550 5F 16" Plow $1250
IH 710 5F 16" Plow w/Cyl. $2250
IH 311 3F 14" 2 pt. Plow $350
IH 510 SD 16x7 Drill $3500
IH MF SD 13x7 Drill $300
IH 56 4R Planter $950
IH 400 4R Planter $950
IH 400 6R Planter w/Insect $2750
NI 214 Spreader 3 Beater $950
NI 214 Spreader w/Hyd. Endgate $1250
Portable Loading Ramp (For Cattle) $200
Little Giant 38' Elevator w/Motor $1250

HAY & FORAGE

Used Snapper Heads for forage harvestors. JD 1 row, NH 1 row for 770 & 782, NH 2 row wide & narrow for 890 & 892. IH 743 narrow row corn head. Used forage wagons, AC, Grove, Gehl, NI, IHC, NH and Lamco. Used short hopper PTO blowers. Wood & steel bale racks, Gehl 900 side dump forage wagon, flail choppers, NH 38, JD 16A like new, IHC #8 very good, IHC, JD, AC, NH pickup heads, Hesston #10 stak hand very good, Hesston #30 stak hand & stak mover. NI corn pickers one & 2 row w/husking beds & shellers. USED HAY BALERS: NH 273, 276, 269, 275, JD 336, JD 346, Hesston 4500, IHC 425-most w/throwers. USED ROUND BALERS: Hesston (2) 5800's, NH 850, NH 846 auto wrap like new, Ford 552. USED FORAGE HARVESTERS: Hesston 720, 2000-100, 2000-150, NH Super 717, 770 & 880. Gehl 99 short hopper blower, very good. Used regrinder, blowers, shellers, & McKee corn hog.

MISCELLANEOUS

JD 1550 3 pt. no-til power seeder, like new. Wood saws, wood splitters, 3 pt. Farmi log winches & 11' truck snow plow. Great Bend quick tach front end loader off Farmall 826, also fits various other tractors, Pick Stone Picker, AC, MF, JD, IHC Garden Tractors w/mowers, Dunham Lehr Loaders, GMC Power Unit w/PTO Clutch, JD and IH 2 row Potato Diggers, year round cab for AC 190 or 200, year round cab for JD 4020, Bush Hog & Woods rotary mowers, dual wheels 34" and 38", Ford power units various sizes, Grove hyd. drive forage box, Starline silo unloader for 14' silo, like new, 6x20 Hay & Silage Feeder Wagons, 4x24 Hay Feeder Wagon.

INDUSTRIAL

AC HD3 Crawler Dozer, JD 350 B crawler dozer 6 way blade, Cat D4D dozer direct start. Used AC 840 articulated payloader, one & one-half yard bucket, Case 530 tractor loader backhoe, 615 Tractor Loader, JD 440 Log Skidder, (2) AC 715 tractor loader backhoe, AC 706D forklift 14' mast, JD 24A diesel skid steer loader, Bobcat skid steer loader, 610 gas & diesel, 520, NH 775 skid steer loader, Used 6 and 9 ton Tag Along trailers, 1 Ton Paving Roller.

USED TRACTORS

AC 7045 w/cab, 7040 w/cab, 7030 w/cab, 7000, 190XT w/cab, 160, 6060 w/loader, 5040 w/loader, D17 gas & diesel, D15, 170 w/loader, B, C, AC D12, D19 w/fact. 3 pt. hitch.
FORD 3600 D w/factory cab, 800, 600, 8N.
MASSEY FERGUSON MF 275 w/cab, 175 D, 135, 35.
JOHN DEERE 4020 diesel power shift, 3020 diesel, 2640, 2440, 720 diesel, wide front, 530. 3020D side console, 2510D.
IHC 706, 404 w/loader, 140 w/cultivator, Farmall 140 w/Loader, 100 high clearance, M, H, Super A w/highway sickle bar mower. 3 used Cubs w/belly mowers. Super MTA, very good.
KUBOTA 225 tractor w/cab.
DAVID BROWN 1200 w/loader.
LAMBORGHINI model 904, 4WD tractor.
LONG 560 4WD

MANURE SPREADERS

Better Bilt 1500 gal. liquid spreader, Ground drive 75 & 95 bushel, NI & Int'l. NI 213, 165 bushel manure spreaders w/wood side & floor avail. w/single beater or flail element. NI 206 95 bushel ground drive manure spreader. NI tandem 245, 375 bushel manure spreader. JD 465 barrel hyd. slide top. Starline 830 Roto spreader hyd. top. Martin 3,000 gal. tandem liquid spreader.

— SPECIAL —
New Farmhand Grinder Blower
Model #132Y2
w/Hyd. Cross Conveyor
Lists at $8450
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Evenings - 717-524-2924 - Frank Saner

INTERNATIONAL HARVESTER

USED COMBINES

Int. 1420 w/700 hrs.
Int. 205 w/2 heads, nice
Int. 125 w/Grain Head
Int. 715 Diesel w/4 row narrow head, nice
JD 7700 w/2 heads
MF 750 w/grain head

USED TRACTORS

Allis Chalmers WD
Ford TW 10 w/1425 hrs.
Case VAC MM 445 w/Loader
Int. 4 SOLD as, 400 hrs., ex. cond.
Ferguson 35

USED EQUIPMENT

900 Badger Blower
Int. 3 pt. #5500 Chisel Plow
Huff Pay Loader
NH #518 Manure Spreader
Int. 510 Grain Drill 16x7 combination S.D., Nice
Int. 400 Syclo 4 Row Corn Planter
Ontario Hoe Drill

NEW GEHL EQUIPMENT

960 Forage Box w/roof
1540 Forage Blower
3510 Skid Loader
#100 Grinder Mixer
#2330 Disk Mower Conditioner
#1460 Combine In Stock Now

International Axial-Flow Combines

Four sizes to meet your needs

They're the world's most advanced line of combines Because a rotor replaces the conventional cylinder and troublesome straw walkers Threshing and separating are more thorough there are fewer cracked kernels and, there is less downtime and fewer repairs

Four models. 13 to 30 foot platforms.

- 1420—124 hp diesel engine and 125 bu grain tank
- 1440—135 hp diesel engine and 145 bu grain tank
- 1460—170 hp diesel engine and 180 bu grain tank
- 1480—210 hp diesel engine and 208 bu grain tank

Finance plans available

Eckroth Bros. Farm Equipment

RD 2 Box 24A, New Ringgold, PA 17960
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USED NEW IDEA 737 or 727 HUSKING BED

With 744N Cornhead

Special! CALL NOW!!

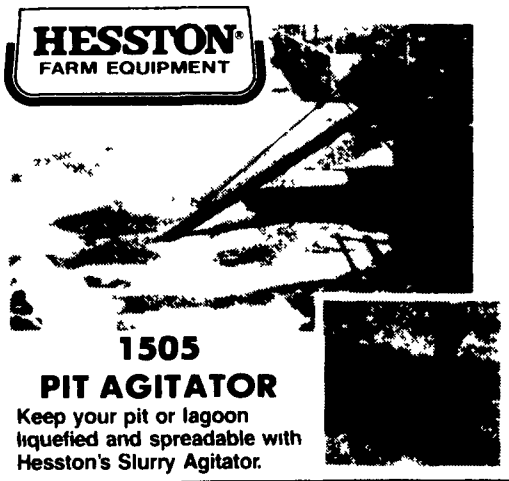
AVCO® NEW IDEA

404 5-WHEEL RAKES

Get quality at a budget price rake a variety of widths fast and clean in smooth or uneven fields with a minimum of maintenance

Special **$1150**

HESSTON FARM EQUIPMENT



1505 PIT AGITATOR

Keep your pit or lagoon liquefied and spreadable with Hesston's Slurry Agitator.

1505 Agitator

Dimensions and Weights
Total weight 840 lbs
Overall length — 221 (18.5')
Overall width — 39
Overall height — 37
Working depth 102 (from ground level, may vary from tractor to tractor)
Propeller dia 22

Drive
Weasler L55 telescoping U joint assembly with 2 shear bolts

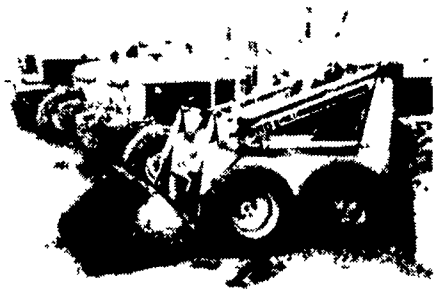
Tractor Requirements
3 point hitch — Category II or III Narrow (Category III Narrow requires reducing spacers in ball joints of lower lift arms)
Hydraulics — single remote outlet ASAE 8 inch stroke cylinder required (not furnished)
PTO — 540 rpm
HP — 65 PTO minimum

SPECIAL $1150

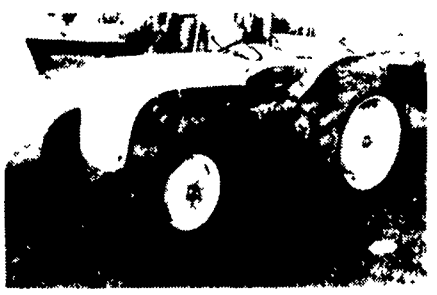
ZIMMERMAN'S FARM SERVICE

Bethel, PA
Phone 717-933-4114

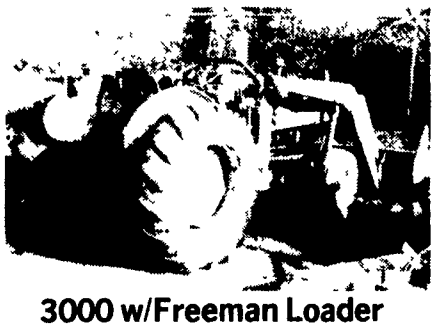
GUARANTEED USED TRACTORS



CL40 Skid Loader

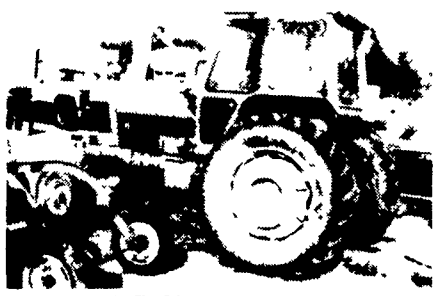


8N Tractor

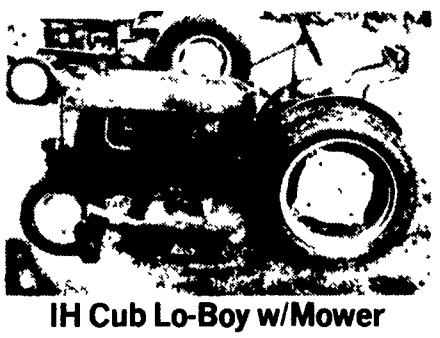


3000 w/Freeman Loader

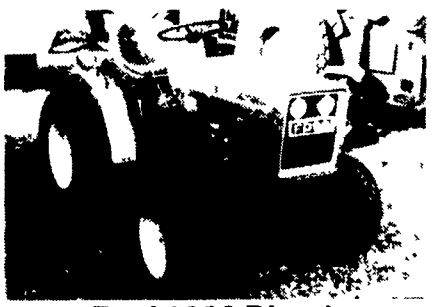
555 TLB



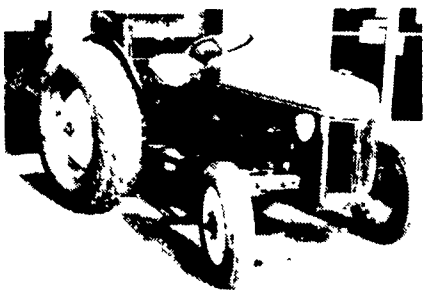
2-TW10 w/Cabs



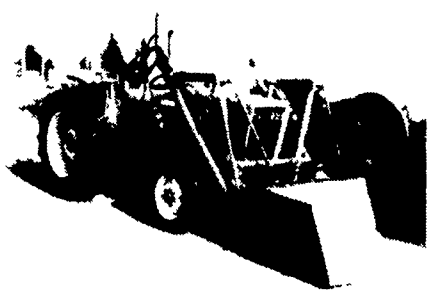
IH Cub Lo-Boy w/Mower



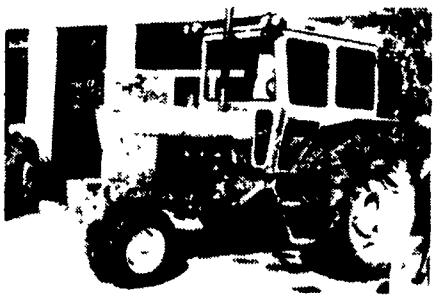
Ford 1200 Diesel



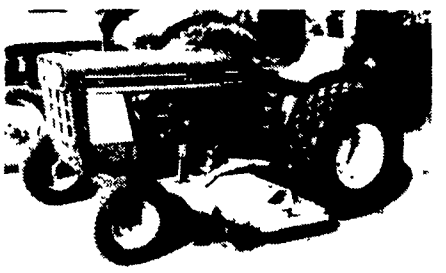
8N Tractor



2600 w/Loader



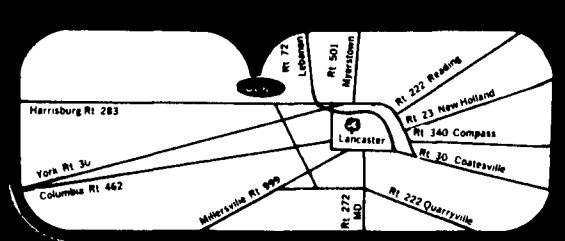
7000 w/Cab



184 IH w/Mower

Allis Chalmers G w/Cult. & Plow
Kubota L210 Diesel
5600 Diesel Used
6610 4-WD Demo
TW25 4-WD Demo

Genuine Ford Parts - Genuine Ford Service at the Home of the Friendly Reliables



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Flory Mill Exit off Route 283

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Ford Tractors Equipment

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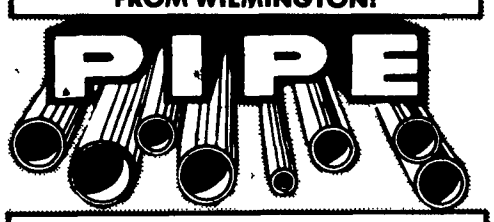
NOW SERVING THE STATE OF DELAWARE DIRECTLY FROM WILMINGTON!



NEW, USED and RECONDITIONED PIPE
STANDARD - EXTRA & DOUBLE EXTRA HEAVY ALL SCHEDULES - ALL TYPES FABRICATION THREADING CUTTING — WELDING
121 SO. MARKET ST. - WILMINGTON 19801
302-656-0276 or 215-DE1-4240

FORRESTER FARMS

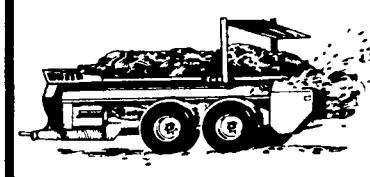
1337 Lincoln Highway East
Chambersburg, PA 17201
Phone: 717-263-0705
Sales - Parts - Service

LONG

(2) New Long 610, DT 64 HP - $12,300
(2) New Long 610, 64 HP - $10,250
New Long 510, 48 HP - $8,550
New Long 310 28 HP - $7,000
Long 1549 loader - $2,400
New Long 310 DT - $8,700
New Long 3 pt. Backhoe
1553 Traveler Irrigation

¼ Mile East of Exit 6 I-81 on U.S. 30
Hours: 8:30 - 5:00 Mon. - Fri.
8:30 - 12:00 Saturdays

Badger SPREAD OF VALUES



FACTORY REBATES UP TO: $330.00* OR

FINANCE WAIVER TO: APRIL 1/'85

See your participating Badger Dealer

SPECIAL 1 TIME LEASED UNIT	
330 Bu. With Liquid Endgate	
List Price	$9,000.00
Sale Price	$7,500.00
330 Bu. Rebate	$330.00
Total Price	$7130.00

3 Manure Spreader Sizes To Choose From!

*$1.00 per bushel capacity on three sizes. 210 bu - 260 bu. - 330 bu
(Program ends December 31, 1984)

SHOW EASE STALL
573 Willow Rd
Lancaster Pa
Ph 717 299 2536

USED COMBINES

Waiver of Interest till September 1, 1985

- '79 Int. 1460, Low Hrs. w/820 Cutter Bar & 863 Corn Head
- '75 JD 7700 - Rotary Screen, 16' Platform
- '76 JD 7700 Rotary Screen
- '81 JD 8820 4 wheel drive, factory duals, 1100 hrs., with 220 flex cutter bar and 1243 corn head. Excellent Shape
- '72 NH 985 w/ 13' Cutter Bar & 4 Row Wide Corn Head
- '80 Int. 1480, 1356 Hrs., w/820 Cutter Bar & 883 Corn Head
- '79 JD 7720 4 WD 1400 hrs. 220 flex cutter bar
- '72 JD 6600 Diesel w/13' Cutter Bar w/Hart Cart Flex Attachment

CORN HEADS

Good Selection of John Deere
443-444-643-644-843-1243
Cornheads

USED TRACTORS

Waiver of interest till March 1, 1985

- '69 Oliver 1850
- Int. 240 Tractor w/2 btm. plow & blade
- Allis Chalmers 180 diesel
- '80 Int. 1086, Cab, 1483 Hrs., Dual 18.4x38 Tires
- '64 JD 3020 Diesel

Waiver of interest till June 1, 1985

- '77 JD 8430 w/Dual 20.8x34 Tires, 3 pt. hitch, PTO, 3 Outlets
- '79 Steiger ST 210 Series 3, 4WD with dual 18.4x34 tires, 3 pt. hitch, 1336 hrs. Reduced to $28,500

CORN PLANTERS

- JD 7000 630 conservation planter w/no till coulters, dry fertilizer, auger fill monitor, insect. attachment

USED PLOWS

- JD F145-5-16 Semi plow w/Harrow attachment

JD 125 Skid loader, diesel engine, utility bucket
List $18,900 Special Price $13,850

★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★

Reduced to $12,500

MISCELLANEOUS EQUIP.

- JD 210 14' disc harrow
- 1 Brillion 21' folding packer, crow foot wheels
- Graber 26' flex pull-type chisel plow
- 1 Brillion 4 row cultivator w/heavy spring shanks
- Bish head adapter to install JD corn head on NH TR70 combine
- JD 38 Harvester w/2 RW Head
- Tye drill 24 tine, double disc opener, 3 pt. hitch
- (1) Brillion 15½ ft. field cultivator w/Midwest Harrow
- John Blue 300 gal. trailer sprayer w/hydraulic pump
- (1) Int. 21x7 Grain Drill
- (1) JD 709 3 pt. rotary mower
- Rhino 8' Rear Blade

W.N. COOPER & SON, INC.

Morgnec Rd. Rt. 291
Chestertown, MD
301-778-3464

TRACTORS

- 5835 IH 986
- 5833 AC 5050 w/400 Loader
- 5739 IH 1066 w/cab
- 5731 IH 656
- 2871 IH 1466 w/cab, new paint
- 1616 IH 1066 "black stripe"
- 5415 IH 544G
- 5787 IH 544 w/new paint
- 5792 Deutz DX 130
- 5793 Deutz DX 160
- 5881 JD 2240
- 5882 JD 2240
- 5784 JD 4630 w/duals
- 2845 JD 4430 w/cab, duals
- 2755 MF 1805 4WD duals
- 5170 NH 775 skid steer loader
- 5700 N.H. 778 skid steer loader

COMBINES

- 5120 JD 7720 w/4WD, chopper
- 3059 JD 7700 w/chopper
- 2622 JD 7700 w/chopper
- 3057 JD 7700 w/chopper
- 3058 JD 7700 w/chopper
- 5782 IH 1460
- 5447 IH 1480
- 5872 IH 815
- 5839 NH 975
- 2108 IH1480 reconditioned

GOOD SELECTION OF CORNHEADS AND PLATFORMS

MISC. EQUIPMENT

- 5870 IH 2350 Loader w/84" Bucket
- 5834 AC 140-S Manure Spreader
- 5487 NH 280 Baler
- 5484 IH 2001 Loader
- 5402 N.I. Rake
- 5394 Dunham Lehr 4 Row Cultivator
- 5373 Ag-Chem 500 Gal. Poly Tank
- 5751 Rhino Flex 15 mower
- 5291 Rhino 20' Flex Wing Mower
- 5577 Rhino 20' Flex Wing Mower
- 5277 IH 55 chisel plow
- 5312 IH 295 planter units
- 5313 15' solid wheel packer
- 5750 Case 14' Disk
- 5564 AC 2300 Disk, 14'
- 5561 J.D. 210 Disk, 13'
- 3111 Agrotec 200 gal. 30' sprayer
- 1657 Case K23 disc harrow 24'
- 5121 Dunham-Lehr 29' crowfoot packer
- 5419 JD 22 Shank Chisel plow
- 5740 IH 560 plow, 6x16
- 395 Glencoe 14' soil saver
- 5534 Glencoe Soil finisher, 20'
- 5720 N.H. 1010 Bale wagon
- 5713 I.H. 510 Drill
- 5765 JD 246B Drill
- 5766 JD E9300 Drill Attachment
- 2763 IH 620 tandem full press drill
- 3098 IH Dual Hitch for 5100 Drill
- 5786 IH 510 Drill
- 5026 IH 1190 mower conditioner
- 5569 IH 60 Shreader
- 5868 IH 370 Disc 12'
- 5869 IH 370 Disc 12'
- 5045 Krause 2143 disc 42'
- 5457 Krause 2413 Disc 23'
- 5578 Krause 3 Bar Harrow
- 2762 MF 7x18 drill
- 5760 Wilrich 24 Ft. Field Cultivator
- 5759 MF 520 Disk 12'
- 1512 Miller 8500 offset disc 26'
- 5241 Wil-Rich 2400 MP Plow, 7 Bottom
- 5216 NH 479 Haybine
- 5164 NH 479 Haybine
- 5381 NH 479 Haybine
- 5615 Brillion SC-01 Field Cultivator, 20'
- 5702 NH 462 Disc mower

HOOBER EQUIPMENT, INC.

P.O. Box 107
Middletown, DE 19709
(302) 378-9555

Dismantling Combines for parts over 300 all makes and models. Call before you come.

IH 64, 76, 80, 82, 125, 127, 141, 101, 151, 91, 93, 915D, 203, 303, 403, 503, 205, 315 & 815, NH 985, JD 12 A, 25, 30, 40, 45, 55, 95, 105. AC 60, 66, Gleaner A, C, CII, E or L, G & K MF Clipper, 26, 27, 70, 80, 90, 72, 82, 92, 35, 300, 410 & 510. Oliver 33, 35. 40, 430, 525 & 545. Ford SP & pull 701 NI Uni tractor, NI UNI-702, NI Uni - 705D, combine & shellers, Case 800 & 660, 600, MM 5297, Ford 622, JD 6600, Combines Straw Choppers for most makes & models, $100 & up

COMBINES

Massey 300 w/grain w/3 row 30" & 2 row 38" corn head
AC 60 pull type, nice
IH 80 pull type Auger feed
915 Diesel w/4 row 38" 6 row 30" & grain, $13,500
JD 6600 Gas w/grain head $10,500
Massey 72 w/10' grain & 2 row, cab & P/S
Massey 300 quick tach, cab, grain & 2 row corn
Massey 88 SOLD w/12' grain & [illegible]
Int. 315 hydro cab and grain, 2 row corn
Gleaner C-2 diesel w/cab & grain and 4 row corn
IH 205 w/cab & 10 ft. Grain Corn Head
AC Gleaner G w/4 row corn, $6,950
Gleaner E 10' Grain 2 row 38" or 3 row 30"
Gleaner A w/grain head $2,000
Gleaner E3 cab, grain & 3 row 30"
IH 503 Diesel, cab and grain & corn head $5500
E Gleaner, cab & 10' head, $3000
JD 4400, cab & head
C2 Gleaner w/2 heads
JD 6600 Diesel w/grain head, $9500
JD 4400 Diesel w/grain head, $10,500
Gleaner M Diesel w/grain head & 4 row corn head, $12,500
IH 80 7' pull type auger feed, $875

TRACTORS

IH 1256 3 pt., wide front, $6500
2 Farmall H w/hyd. from $700 to $875
MF 2745 cab duals, 1200 hrs., $15,500
Case 1370, 165 HP, as is $6500
AC crawler w/blade, $1275
Case VAC pully & Hyd
2 Massey 101 Tractors
AC Model C w/cultivator & plow

CORN HEADS

Gleaner K 10' grain head. Black reel & auger, like new
MF 2 row 38" fits 300, QT, $750
(2) IH 744 4 row 39" corn heads
Gleaner K2 row corn head
Gleaner G 4 row 38"
Gleaner G 4 row 40"
IH 227 corn head
IH 733 3 row, 30" off of 815
MF 3 row 30" for a 300 or 410
JD 4 row 30" fits 95, $1500
JD 6 row 30" fits 105, $1175
IH 3 row 30" fits 615, $1500
IH 2 row 38" fits 615, $775

PICKERS

Farmall M w/NI mtd. picker, $1500
MM picker, 1 row, $350
NI #10 SOLD r, $650

MISC.

NH 354 Grinder mixer, real clean, $3500
Flat wagon w/NH Gravity box, $700
3 axle 30' trailer to haul round bales $875
AC 14' wheel disc $1275
Trailer type chisel plow $400
NI 213 3 beater spreader
NH tank spreader $475
IH 8 ft. Wheel Disc
NI 12' flail mower
JD 1450 6 btm-16" plow, real nice, $1750
1 & 2 row corn pickers
All steel farm dump trailer holds about 500 Bu-of corn
NI 213 spreader w/new drag chain & sides, $1275
Hawk Bilt tank spreader, $575
Corn & grain heads, IH 12' off 815 combine
JD 40 8' grain head
AC 3 row 30" for E&K
Ford loader, hyd. bucket & pump. Fits 8N or 9N
Horn 2R stalk beater

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts

JD 2010, 70D, 4010, IH 560 D, IH 660 D, IH F 14, 806, 1256, 340, F30, F-20 A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60, 3010 D. AC WD, WC, D17. Oliver 70 & 77, 88, 60. Ford 8N, Ford 6000D. Case 300, SC & V.A.C., DC. AC "B", AC 180, AC 190, AC C, CA, MF 1155, Massey 44D, 333, 30, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler. JD 70 G, Oliver crawler, 2 Oliver crawler loaders

Dismantling 50 pickers for parts
POSITIVELY NO OUT OF STATE PERSONAL CHECKS

KEITER'S FARM MACHINERY

R.D. #1 Halifax, PA 17032 Rt. 225
20 mi. north of Hbg.
Phone: 717-362-9574

NEW EQUIPMENT SPECIALS

- Landoll 7 Shank Soil Controller, Demo $4500
- Amco F17 Disk Harrow, 12 Ft., Demo $5700

USED EQUIPMENT SPECIALS

- NI 323 1 Row Corn Pickers ..... $2200 ~~$2700~~ - $3800
- NI 325 2 Row Corn Pickers ..... $5000 ~~$5900~~

10% Financing on Used Ag Tractors

USED EQUIPMENT

TRACTORS

Ford Jubilee
White 4-150
Ford 3000
Case 1090 18.4x38 (New) Power Shift
Case 1170 Cab-Heat 8 Spd. 20.8x38
Case 2090 Cab
Agri Power 9000
JD 50
JD 4440
JD 3010
Case 1390

FORAGE

Gehl 99 Blower
Gehl 910 box/roof
Grove box
JD 3800 Harvester
Gehl RC 800 Recutter
IH 51 Forage Box
Fox 300 Harvester

INDUSTRIAL LOADERS & BACKHOES

Case 580B Backhoe
Case 480 Gas
Case 1737 Uniloader
Hough HFH
Ford 3500 Diesel
AC 640 Loader
Case 1835 Uniloader

MISCELLANEOUS

Martin 2000 Liquid
NI 404 Rake
JD 1240 4RN
2 Row Hershey Transplanter
2 Row 3 pt. Mechanical Transplanter
Wetmore 878 Grinder Mixer
Case 12' Field Cultivator
IH 40 Shredder
ArtsWay 420 Grinder-Mixer
JD 4 Bot. Plow
JD BWA Disk
OMC 217 Mower-Conditioner
Sauder Loader
13 ft. Chisel Plow

SPREADERS

NI 206
NI 213
NI 214
NI 218
NI 224
JD 54

NEW IDEA

325/314 Picker Sheller
323 Pickers
325/327 Pickers
702 G Power Unit
710 Combine
743 N Head
767 Harvester

A.L. HERR & BRO.

PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521

case. AVCO NEW IDEA GEHL Gets into your system. BUSH-HOG

Ford Tractors Equipment

New 7700 4WD Less Cab

CHARLES S. SNYDER INC.

RD 3, Tamaqua, PA 18252
Phone: 717-386-5945

USED TRACTORS

JD 4430 cab, air, Quad range sharp
JD 4430, power shift, roll guard
JD 4320, w/cab
JD 4230 cab, air, Quad range
JD 4520 w/cab & duals
JD 4020, power shift
JD 4020 Syncro w/cab
JD 2840 w/cab
JD 2640
JD 2240
JD 2020 diesel
JD 2510
JD 3020 Diesel, Syncro
JD 950 1000 hrs.
Int. 1086 cab & air
Int. 986 cab & air
Int. 886 cab & air
Int. 1066 w/cab
Int. 464 w/loader, used 800 hrs.
IH 966
IH 1026 hydro
IH 766 w/cab
IH 656 wide front
IH 404 w/Power Steering
Large Selection of Farmall Cubs
Ford 535 w/loader 1,000 hrs.
Ford 5000
Ford 4000
Ford 3000 Diesel Sharp
Ford 2600
Ford 2000
Ford 850
AC 7030
AC XT 190 w/cab
AC 210 diesel
MF 1105
David Brown 1200 w/loader
MF 135 diesel w/loader

GRINDERS & MIXERS

Gehl 120
Gehl 95
Gehl 65
IH 1150

USED COMBINES

NI 702 tractor w/710 combine
NI 702 w/chopper & 3 row head
JD 4400, 1979 model, sharp
MF 410 hydro.
444 JD corn heads

USED PLANTERS

JD 7000 4 row liquid fertilizer
JD 7000 4 row Dry fertilizer

USED HARVESTERS

Fox 2 row snapper head
Used Moridge grain dryer
Late Model NI 702 uni tractor w/767 Super Chopper, 3 row head & pickup head
Fox 2000
Fox Custom 90

MISCELLANEOUS

SPECIAL
New NH 346 Tank Spreader $5,700.

Int. 510 grain drill
JD 7 btm., on land hitch, hydraulic reset plow
JD 30 ft. Implement Trailer
Large selection of smaller discs
NI 2 row narrow picker SOLD
Brillion 10' seeder
Large selection of plows from 3 to 7 bottom
JD 1207 haybine
New Farmhand loaders for IH and JD tractors
NI 2 row wide pull type corn picker w/12 roll husking bed, excellent
NI 323 picker
Brillion 15' roller harrow, like new
New & Used rotary hoe's
Gehl 1500 Round Baler
JD tractor loader backhoe, excellent condition SOLD
NI #7 picker

1976 Chevy Tandem Grain Truck, 18' body & hoist
1975 GMC w/Jer-dan rollback body
1964 Ford C700 w/24' Schwartz rollback body

D & R EQUIPMENT INC.

Ringoes, New Jersey (201) 782-5082

1500 gal. Tank Will Load in Approx. 1½ Min.

✓ Check These Outstanding Features on the SLURRY BUGGY

A small liquid manure spreader that loads and unloads and has no chains, bearings, fans, augers, or moving parts that touch manure.

- ✓ Tanks are made of 5/16 thick metal
- ✓ Large air cooled vacuum pumps Option: (350 cfm @ 15HG)
- ✓ Pump has not only a primary trap but also a large secondary moisture trap and air precleaner.
- ✓ Rear loading valve is a hydraulic operate taped 6 in. brass piston valve

Buy Direct & Save Prices!

Year's End Special SAVE $500 On Spreader Purchased w/Plow Down

Model 1500 Gal. $5,625
Model 2900 gal., Tandem Axle $7,550

For More Information, Call or Write

SLURRY BUGGY EQUIPMENT

RD 2 Box 148 717-859-3869 Ephrata, PA 17522

1. A 2" milk line and 8 automatic take-off "Surge" milkers with 2 Surge Alamo Vacuum Pump-100 Plus - $6000

2. Onam Alternator Tractor PTO Powered with trailer - $500

3. 100 Gal. Mueller Milk Tank with 5 Hp. Dunham/Bush Compressor $3500

304-267-8887
before 7:30 AM

EQUIPMENT & SERVICE

YANMAR Tractors and Equipment
CUB CADETS and Attachments
We Specialize In Cub Cadet Rebuilding
SNAPPER Lawn Equipment
TRAC VAC Vacuum Units
STIHL Chain Saws - Sales & Sharpening Service
SMALL ENGINES-Rebuilding Service
KEROSENE HEATERS - Wicks & Repairs
Full Line of Hardware!

NEW LEFTOVER CUB CADETS

MARTIN HARDWARE & EQUIPMENT CO. INC.
Rt 501 1½ Miles South of Schaefferstown PA
PHONE (717) 949-6817
OPEN Mon-Fri 8-8, Wed 8-12 Sat 8-5

SPECIALS
S.G. LEWIS AND SON, INC.

352 N. Jennersville Rd., West Grove, Pa.
215-869-2214 or 215-869-9440
SPECIALS ON NEW SPERRY NEW HOLLAND EQUIPMENT - 2-YEAR WARRANTIES

NH 311 Baler w/NH 70 Thrower	$10,100
NH 791 Spreader w/Splash Guard, Endgate. Fine Manure Pan	$6,650
NH 472 Haybine	$6,500
NH 892 Chopper w/NH 824 Corn Head	
NH 1600 Harvester w/4 Row C.H. & Pickup	
NH 782 Harvester w/Manual Controls	
NH L35 Skid Steer Loader for Rental	
NH 38 Crop Chopper	$3,975
NH 28 Blower	$2,973
NH 238 Wagon	$2,050

SPECIAL OF THE WEEK

NEW CASE 2090 TRACTOR Cab, Air, 20.8x38 Tires • or Waiver To 9/1/85 or 8.8% Financing	Cash Price $30,000
MF 1085 TRACTOR With Turbo	Cash Price $10,800
JD 4020 TRACTOR With Partial Cab & Air	Cash Price $10,800
CASE 1070 TRACTOR Cab, Air and Turbo	Beautiful Cond. $15,500
USED MF 1135 TRACTOR 20.8x38 Tires	New Overhaul $9,500
CASE 970 TRACTOR With Cab & Air	Cash Price $10,500
CASE 1150 HIGH LIFT Good Condition	Now Only $9,500
CASE 580 w/LOG FORKS Diesel	1968 Model $7,500
USED CASE 1830 Skid Loader	Cash Price $6,000
USED NEW HOLLAND GRINDER MIXER	Cash Price $1,800
USED OLIVER 18' DISK	$3,500
NEW GEHL 100 GRINDER MIXER	$6,800

NEW 1390 CASE TRACTOR - 60 HP
$12,500
Must Move . . . Give Us A Call On This One!!

case GEHL KEWANEE SAME

STOUFFER BROS. INC.

1066 Lincoln Way West, Chambersburg, Pa
Phone 717-263-8424

NEW EQUIPMENT

1-NI 402 Parallel Bar Hay Rake-$1795
1-Danuser Post Hole Digger 12" Auger $695
1-N72 Cadet Woods Rotary 6' 3 Pt. TW $1195
1-230 Cu. Ft. McCardy Grain Body List $825-Sale $695
1-Lamco 18' Throw Bale Body W/Tube Sides-List $1350-Sale $1150
1-Set 15.5 × 38-16.9 × 34 Rear Tractor Chains $269.50
1-Set 11.2 × 24 Rear Tractor Chains-$169
1-Century 3 Pt. Sprayer PTO 50 Gal. Piston Pump-$695
1-Century Trailer Type 25 Gal. Piston Pump B/S Motor-$825
1-5' 3 Pt. Scrapper Blade-$159.95
1-6' 3 Pt. Scrapper Blade-$215
1-4'Front Beaver Blade-$395

USED EQUIPMENT

NI 214 SB PTO Manure Spreader W/Hyd. End Gate-$995
6' Front Blade for Bison Tractor-$395
1054 Bolens 42" Mower-$1095
All American Lickity Splitter (Wood Splitter) $1249.95
Used McCulloch, Echo & Pioneer Chain Saws -Snapper & Bolens Riding Mowers & Push Mowers

See us for new Bolens & Mitsubishi Tractors and Snapper Riding Mowers-WINTER SPECIALS

CHAS. J. McCOMSEY & SONS
HICKORY HILL, PA
215-932-2615

NEW FORDS: 555A TLB, 4 WD, cab, torque convertor; 555 TLB /cab, torque convertor; 4610SU; 5600 4 WD; 1510; 1310.
FORDS: 550 TLB, 382 hrs.; 4500 TLB; 3500 TLB; 3400 TLB
USED: Ford 9600, 8000, 3000, 800, 8N, 5000, 3600; Kubota 225, 305; Int. 706, Cub, A Farmall w/loader, 2424 w/blade; JD 400 w/snow plow & mower.
CARS & TRUCKS: House car, ideal for hunting camp, 27,000 miles, stove, refrig., sleeps 6; Ford ½ ton 1979; Ford 8000 Truck Tractor; Torro dump bed; Cadillac De Ville convertible.
IMPLEMENTS: Mathew's Chopper conditioner; NI 2 row Sheller; Ford mounted 1 row corn picker; NI 95 bushel manure spreaders; Brillion cultimulcher; Westgo stone picker; Ford Silage Blower 618; Ford 219 transport disc, offset 10' w/24" notched discs List Price $4,900. Special Price $3,000; Ford 240 transport disc, 10' 20" disks List Price $4,100 Special Price $2,500. AC corn picker, 14' rotary mower; Kasten spreader, 275 bushels; Uebler manure spreader; 3 pt. Cordwood Saws.

HAY BUSTER DRILL
MOORE NO-TILL DRILL
FOR RENT OR SALE

STRALEY FARM SUPPLY, INC.

Farm - Industrial Equipment Sales & Service
Dover, Pa 17315
Ford, IHC, Kubota, Woods, Bush Hog, Danuser, Little Giant
717-292-4443

CHAMBERSBURG FARM SERVICE, INC..

975 S. Main St. Chambersburg, PA
(717) 264-3533
Badger
OMC
AVCO NEW IDEA

USED TRACTORS

IH 454 w/1100 Hrs.	IH 154 w/Mower	IH F 450
IH 826 Hydro	IH 1 504 w/NI Loader	IH Cub
IH F 706 G (Overhauled)	IH Super C	JD 620
IH F 656 G w/Cab (Overhauled)	IH Super A	JD 2010 G
IH F 340	IH H	Hydro 84

BALERS
IH 47 w/Thrower
Hesston 10 Stacker

BLOWERS
JD 66
Badger TA 54
IH 56
NH 27
Fox 660
Hussler 56
Gehl 99
Dion 56

COMBINES
IH 810 13' Platform
IH 303 w/Cab
IH 715 w/Cab
IH 205

PLANTERS
IH 400 4 Row
IH 56 4 Row
IH 56 2 Row
Ferguson 2 RW 3 pt
JD 7000 6 Row w/No-Til

CULTIVATORS
IH 4 R Mtd - 560
Case 2 R Mtd - SC
Oliver Rotary Hoe 3 pt
MF 14' 3 pt Rotary Hoe

GRINDER MIXERS
IH 1250 w/Scales
IH 1150 w/Scales

PLOWS
IH 720 5x20
IH 450 3x16
Oliver 565 4x16
Oliver 3x14
IH 209 2x14
JD 345 4x16
Brady 9' Chisel Plow
Brillion 3 pt 7' Chisel
IH 450 4x16
2 Bottom Trail Plow 12'

WINDROWERS
NI 270 Cut/ditioner
IH 1190 Windrower
IH 8 Flail Chopper
JD 16A Flail Chopper, Nice
NH 33 Flail Chopper
Bearcat Flail Chopper
JD Hay Tedder
AC 904 9'
Gehl 108 9'
IH 5000 w/Cab
Hesston PT10 Windrower

PICKERS
Oliver 73H 2R
NI #7
NI 10 1 Row
IH 234 Mtd
NI 314 Sheller

GRAIN DRILLS
IH 5100 20x7, Plain
Moore No-Till
Tye No-Til 80"
IH 510 18x7 w/DDO

LOADERS
IH 2350 Fast Attach
IH 2050 A
NI 502
NI 506
Kwik Way (IH 284)
Hydro-Mac 10 Skid

HARROWS
Rhino 83 Disc 10'
Rhino 76 Disc, Very Nice
JD 425 Offset Disc Sharp
Brillion 10' Cultipacker
IH 47 Disc 13'
Perry 12'
JD 12'
JD WRA 13' Disc
Nemyer 3 pt Harrow Tiller

SPRAYERS
Demco 500 gal
Johnson 300 gal
Century 300 gal
Oliver 200 gal

UNI EQUIPMENT
NI 737 Husking Bed, Picked 16 Acres
708 Hydro
767 Super Chopper
744 N 4 RN Head
NI 717 Combine
NI 710 Combine
NI 734 3 RW
844 W 4 RW Head
740 Feeder House
729 A Sheller
709 Hydro 4 WD

COMING IN . . .
IH 674 Dsl Trac
Gehl 72 Flail Chopper
NH 36 Flail Chopper

4 WD Willies Jeep

MANURE SPREADERS
Starline Tank Spreader
Badger 1500 Gal Vacuum Tank w/Injectors
NI 218
NI 224
NI 213
NI 212
NH 790
Hawk Bilt 357

BARN EQUIPMENT
Badger Barn Cleaner
Badger 24' Silo Unloader
Silo-matic 24' Silo Unloader
Silo-matic 14' Silo Unloader

RAKES
Farmhand Whl Rake
NH 57 R 3 pt
Vicon Turner
Tonutti Whl Rake
Vicon 4 whl rake 3 pt hitch

FORAGE HARVESTERS
Gehl 600 2RN+P
Fox 2000 2RN+2RW
JD 38 2 RW
Fox 502 2 Row Snapper Head
Fox 3000, 3 RN Head & PU
IH 555 1R w/Hay PU
IH 555 2 RW+P
Fox 1000 2 RW+P
Fox 546 2 RW+P
Fox 249 Snapper Head
Gehl 72 Flail Chopper
Fox 2 Row Narrow Corn Head

WAGONS
(1) Grove wagon, hydro drive, rear unloading
IH 51 Wagon w/140 Gear
Badger 16 Tandem Axle
Badger Tandem Running Gear
Gehl 912 16' Forage
Grove 14+16' Forage
Vandal 180 Mixer Wagon
Clay 14' Forage Box
8 Ton Wagon Chassis
Badger Forage Wagon

MOWERS
NH 451 7'
Oliver 7' Mower
IH 222, like new
JD 5 Sycle
MF Dyno Balanced
NH 46 Sycle

MELROSE FARM SERVICE

Greencastle, Pa. (Second Location) 717-597-3138

INTERNATIONAL®

SAVINGS AS SIMPLE AS 1 2 3

Take advantage of these savings opportunities on International equipment.

It's time to make important year-end equipment buying decisions That's why International Harvester is offering these special ways to save on new and used tractors, combines and other qualifying equipment

1 Save With Low Prices

From now through December 31, 1984, we can offer you Company-authorized special savings that make it possible to give you the best deals ever Low prices, coupled with possible year-end tax benefits, make this your best opportunity to save on quality International® equipment

2 Save With Our Waiver of Finance Plan

A second advantage of buying now is our wide-range Waiver of Finance offer Buy any of our qualifying new or used equipment this year and you'll save by not paying finance charges until a later date See the chart for details

QUALIFYING EQUIPMENT	NEW	USED	WAIVER DATES
Tractors (70 60 50 30 84 and 200 Series)	Yes	Yes	6/1/85
Combines (Grain)	Yes	Yes	6/1/85
Combines (Corn Soybean Rice)	Yes	Yes	9/1/85
Plows Disks Field Cultivators	Yes	Yes	3/1/85
Planters–Row Crop Cultivators	Yes	Yes	5/1/85
Hay Equipment	Yes	Yes	6/1/85
Forage Equipment	Yes	Yes	9/1/85
Cotton Harvesters	Yes	Yes	9/1/85 *
Material Handling	Yes	Yes	3/1/85

Comparable used tractors
Waiver date on all used combines used headers and used corn heads will be 10/1/85
Sales period 12/16/84 through 12/31/84 on 1400 Cotton Harvesters
NOTE Waiver available only on above machines financed through International Harvester Credit Corporation

This offer subject to change or cancellation at any time without notice or obligation

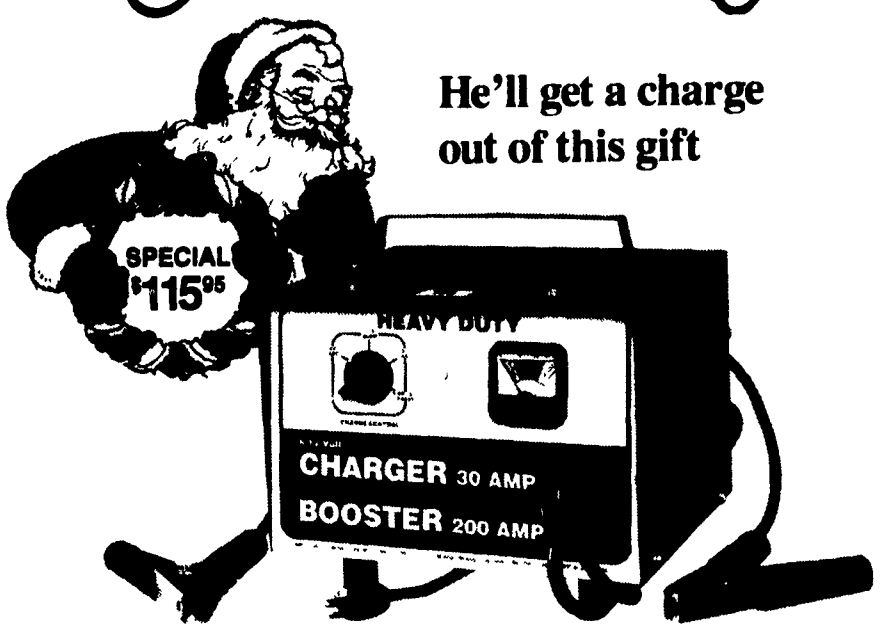
3 Save With Optional Cash Rebate or Low Rate Financing

We want to help you buy the International equipment you need So, we're offering you a choice of a cash rebate or low rate financing in lieu of Waiver of Finance

Act now These offers expire December 31, 1984

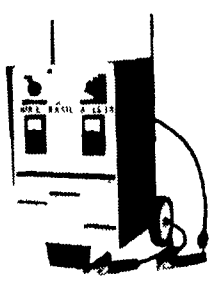
A Bell Ringer!

PARTS VALUE OF THE MONTH



He'll get a charge out of this gift

30-amp heavy-duty charger 200 amp booster
Fast charge delivers 30 amps, slow charge 5 amps
Booster up to 200 amps 407 391 R92
Regular price $139 95



Top of the line heavy duty charger, booster, and tester

- Charges to 80 amps boosts to 300 amps
- Tests alternators battery charge performs seven other tests
- Exclusive dual meter design
- Timer
- Rugged construction
- Part number 1131 855 R1

Special Price $242.95
Regular price $269 95

10-amp charger
This household and utility 10 amp charger is an excellent choice for home and farm 407 389 R92
Special Price $46.95
Regular price $59 35

USED EQUIPMENT

TRACTORS: (Waiver til 6/1/85
(2) IH Farmall "C"
IH 674 Diesel
Farmall Super C w/Fast Hitch & Cult.
Farmall MTA
Farmall 300
Farmall 400
Int. F12 w/cult.
IH 450 Gas, wide Front — $1950
IH 404 Low Utility, 3 pt. Hitch, w/Mott Mower & Snowblade
MF 33 w/3 pt. Hitch
IH 240 w/Fast Hitch
JD "B", Hand Start, Lift with 1-Bot. Plow & Disk — good shape!—$1,850

TILLAGE: Waiver Til 3/1/85
Athens 11 Ft. Chisel Plow, 3 pt. Hitch
Brillion 16' Single Packer, Like New
(2) Brillion 6 ft. Single Packers
Pittsburg 11'6" Disk
JD KBA Disk, 9' — $750
JD KBA 12' Disk
IH 37, 35 In Various Sizes
Oliver 4-Bot. Semi-Mtd. Plow
IH 440 4-Bot. Plow
IH 540 4-Bottom Semi Mtd Plow
IH 10 Ft. Offset
IH 645 Vibra Chisel, 13½', Trailing
IH 45 Vibra Cult., 12½', Trailing - $1,250
IH 45 Vibra Cult., 13½' Folding
AC 1-Bot. Trailing Plow
Vicon 10' Power Harrow — Was ~~$2,500~~ — Now $1,800

PLANTERS: Waiver Til 5/1/85
JD 1250, 6-Row, Dry Fert., Nice Shape!
IH 2-Row Fast Hitch
IH 2-Row Trailing
IH 455 4-Row
IH 658 6-Row Narrow Dry Fert.
4 & 6 Row Cyclos, Field Ready!
JD 1240 Plateless, Liq. Fert., 30" Rows w/DEMCO Squeeze Pump — Nice!
JD Van Brunt 13x7
JD 15x7 Drill, DD, Comb.
IH Fast Hitch, 2 Row Cult., Like New
IH 200, 3 pt. Hitch, 2 Row Cult., Like New

HAY & FORAGE: Waiver Til 6/1/85
IH No. 51 Forage Wagon
NH No. 26 Blower
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
550 IH Chopper
NH 36 Crop Chopper
(2) NH No. 6 Crop Carrier Forage Wagons - good shape!
1014 Hesston Mower Cond.
NH 269 Baler w/o Thrower
IH 420 Baler w/o Thrower
IH 440 Wire Baler w/Thrower
(2) IH No. 10 Bale Throwers
Grove Bale Wagon
5026 Elec. Wheel, 8 ton Gears
IH Direct Cut Head For 15 or 16 Chopper
IH No. 14 Rake
Int. 56 Blower, Rebuilt

COMBINES: Waiver to 9/1/85
715 Diesel Hydro, Air Cond., w/13' Floating Cutter Bar and 744 Cornhead
AC FKS Diesel 4-Row Narrow Cornhead, 13' Platform, Nice Shape!
MF Model 300 Gas, 2-Row Hd., & Platform - Rough Cond. — ~~$1,200~~ Now $800
810 13' Cutter Bar, Like New
IH 430 WN 30" Cornhead for 503 Combine, Excell. Shape
IH 315 Hydro w/12' Platform, Field Ready, w/PU Wheel & Hyd. Lift
IH 227 Cornhead, fits 315, 205 or 203
NI 324 2-Row Pull Type, Big Husking Bed, Nice Shape
Set of Tires & Rims for 1420 Combine - 23x134 Rice tires

IH PARTS COMBINES:
IH 315 Hydro & Plat.
IH 315 Gear & Plat.
IH 403 Gear, 4R Wide Hd. & 12 Ft. Plat.
IH 227 Cornhead

MATERIALS HANDLING: Waiver Til 3/1/85
Front Mtd. Forklift for 20 Series JD Tractor
Farmhand Loader for IH 74 Series Tractor
MF 711 Skid Loader w/Bucket
IH 2000 Loader, Less Bucket, Mount for IH 275

OUTDOOR POWER EQUIP.
IH 72 Cadet w/Mower
IH 184 w/60" Mower
Cub Cadet 129—Mechanic's Special
(2) Cub Cadet 108's w/Mowers
Cub Cadet 106
Cub Cadet 127
(2) Cub Cadet 105's w/mowers
Farmall Cub w/60" Mower
MF 340 Snowmobile, Good Shape — $750

MISCELLANEOUS:
New FMC DO-10E 200 S, Electric Start, Pull Type or Skid Mount Sprayer, 200 Gal. Stainless Steel Tank w/10 GPM Pump — $3,150
McCurdy 20' Trailing Harrogator — $1,300
SIMMS Cab & Roll Bar Enclosure for 574 Series Tractor — $750
IH 80 Snowblower, Like New!
(4) Cushman Golf Carts — $250 ea., in running cond.; Also 2 for parts, not running, $150 ea.
New Midwest 9' Grain Body For Truck, — $1,350!
Athens 15' Bat Wing Mower (In Stock)
Melroe No. 600 Rock Picker
ROSCO 1 to 1½-Ton Roller, 7 HP B&S Engine, Nice Shape — $2,000

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- ★ Brouwer Turf Equip.
- ★ Grasshopper Mowers
- ★ Myers Forage Wagons
- ★ Farm Bilt Hay Wagons
- ★ Sprayer Parts headquarters
- ★ Northwestern Skid Loaders
- ★ Woods
- ★ Trailblazer Foam Markers

1 FARM EQUIPMENT

case

705 Power Unit Diesel, Uni-System
Hesston 4600 Hydraulic Tension Conv. Baler — Will take best offer, only 1 yr. old.
OMC 540 Stacker
OMC 540 N Mover
10' Pittsburgh Disc, like new
AMCO 10' 1982 New Disc
RP 10' Disc, A1 Shape (New)
Used NI #324 2 Row Wide gathering unit, good shape.
Plus NI 702 Uni-Tractors, mow/ditioners, tractors, NI 323 corn pickers & spreaders in stock at Good Prices.

C. & P. FULTZ EQUIPMENT
RD 1 Spring Mills, PA
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Ask for Paul

JD 4630 Tractor
JD 4440 SGB
JD 4430 Trac. w/row crop fenders
JD 4020 Side Console, WF
JD 4010 w/WF
JD 2640 Tractor
JD 2840 Tractor w/year round cab
Used JD 2640 Tractor
Used MF 135 Trac.
Used JD MT Trac.
Used JD 300 & 317 Lawn & Garden Tractors
Used Ford 3000 Trac. w/front blade
Ford 3000 Tractor
MF 65
Oliver 1950 Tractor
JD 7000 6 Row Planter w/Dry Fert.
JD 7000 6R Consv. Planter w/Liquid Fert.
JD 1240 4R Plateless Corn Planter
NI 325 2R Picker Sheller
JD 3800 Chopper w/2R corn head
JD 24T Baler w/ejector
JD 110 Disc
JD B Plane 15 Disc Grain Drill
NH Self-propelled Windrower
JD Kilafor offset Disc
JD FB Grain Drill
John Blue Fert. & Lime Spreader
John Blue 400 gal. Applicator
JD 4400 Combine w/Platform & C.H.
JD 7700 Combine
JD 7700 Combine w/643 Corn Head & Platform
Gleaner A Combine
JD 244 Corn Head
NI 279 Cut/ditioner
JD 10' Pull Type Chisel Plow
JD 1450 4B Plow
JD F145 5B Plow
IH 5B Plow
IH 6B Plow
JD 2 Bottom Plow
NH Rake
JD 660 Rake
Used Hay Wagon
Used JD 115 Chuck Wagon

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NEW MACHINE SPECIALS

JD 7000 Cons. 4 & 6 row corn planters, Priced for quick sale
JD 27 Stock shredder. Reduced

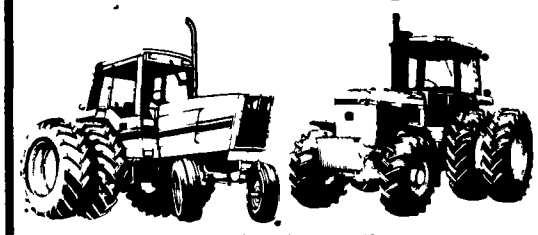
USED MACHINERY

Case 1570 Tractor, Cab, Dual Whls. Call For Price
NH 1880 SP Forage Harvester w/2 Row Wide 3 Row Narrow Corn Head & Grass PU Head, New Cat Eng. $12,000
JD 2510 Trac. Dsl., WF, PS . . . $5,300
JD 3960 Harvester w/Elec. Controls $8,000
JD 800 Windrower w/12' head
JD 35 Harvester
JD 38 Harvester

Call about our selection of used balers, plows & planters.

HERR & LEAMAN

Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222



QUALITY TRACTORS AND EQUIPMENT/REASONABLY PRICED/SERVICED & BACKED WITH A WARRANTY/WILL DELIVER ANYWHERE

JD 8630, 1976 cab and air, factory cast duals, 3 outlets, 3 pt. hitch & PTO, nice & clean
JD 4240 Power Shift, factory cab & air, immaculate, one owner SOLD
JD 4240 w/sound gard, cab & air, quad range, 38" rubber, nice tractor
JD 4430 Power Shift, 1975 model, factory cab & air, nice
JD 4430 sound gard, cab & air, quad range, very nice
JD 4230 Quad range, factory cab & air, 38" rubber, fully equipped, sharp
JD 4020 Diesel, side console, wide front, dual outlets
JD 2640 38" rubber, dual hydraulics, independent PTO, very nice SOLD
JD 4020 Diesel, side console
JD 4320 w/year around cab, nice
JD 2630 w/Independent PTO, roll guard, and dual PTO
JD 4010 Diesel, wide front
JD 630 w/3 pt. PS
(2) IH 1086, cab & air, 3 hydraulic outlets
IH 884 w/TA fully equipped, like new
(2) IH 1456 w/factory cab, dual PTO's and hydraulics, sharp
IH 1256 wide front, 3 pt., dual PTO's
IH 1256 w/complete engine overhaul
IH 1066 w/factory red cab & air, new TA & clutch, dual PTO & hydraulics
IH 826 Diesel, gear drive, wide front, 3 pt.
IH 706 Diesel, clean
IH 656 Diesel, wide front, 3 pt. - dual outlets gear drive
AC 5040 Diesel, late model, one owner 400 hrs. wnclosure $6,000.
MF 1080 w/multipower, dual remotes, 16.9x38 rubber
NH #8 Forage Wagon on tandem running gear

HARVESTING EQUIPMENT

NI 705 Diesel w/cab
NI 701 w/heavy rear axle
NI 717 combine $2500
NI 737 Husker $4200
NI 738 4 row narrow corn head, w/stripper bars
NI 730 4 row wide corn head snapper rolls $1,000
NI 767 Super Chopper w/electric knife sharpener
NI 743 3 row narrow quick tach w/stripper bars $2500

MISCELLANEOUS

3 pt. hitch, hydraulic wood splitter
3 pt. hitch snowblower, 7'
IH 2250 Loader Quick tach
Cab to fit JD 3010 through 4020, $400
Dual wheels - 34's and 38's
Cab w/air to fit IH tractors, 66 Series

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Used Farm Tractors

Int. 140 tractor w/1 row cultivator
Int. 1566 tractor (160 HP)
Int. 986 (110 HP) roll bar
Int. H-86 tractor (70 HP) hydro, like new
John Deere 4020 tractor (9.5 HP)
Ford 8600 tractor (110 HP)
Ford 4100 tractor (45 HP)
Massey Ferguson 135-D tractor (37 HP)
Int. 504 tractor with loader (46 HP)
Farmall 400 tractor (42 HP)
Farmall M tractor (35 HP)

Used Combines

John Deere 7700 combine with 13' grain and 4 row corn
Int. 815 combine w/13' grain and 4 row corn
Int. 503 combine w/13' grain and 4 row corn
Oliver 525 combine w/11' grain and 2 row corn

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Ford 8N
Ford 671 SOS, PS
(3) Ford 2000
New Ford 2910
Ford 3000
Ford 3000 PS
New Ford 3910
(2) Ford 4000 1972,
Ford 4000 1975
(2) Ford 5000
Ford 6600 dual power w/cab
Ford 7000
Ford 7600 w/cab, DP
Ford 8100, 1980 w/cab, DP
New Ford 8200, 110 h.p , DP
Ford 8600 1972 w/dual power
Ford 9600 DP
Ford 9700 cab, DP
Ford TW10 w/cab & air, DP
Ford TW10, 4 WD w/cab & air, DP
Ford TW20 cab & air
JD 1030 hi-lo, w/cab
JD 1120 1969 hi-lo
New JD 1640
JD 2120
JD 2130 1975, w/cab
(2) JD 3120 1969
JD 4040
IH 784 w/cab & heat
IH 966 1974 w/cab
Satoh w/blade & cultivator
MF 65 diesel

New Replacement Seats for 9N to 5000 Tractors Adjusts to Operators Weight $120.00 Each

Full Line of Tisco and Vapormatic Parts

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HERE ARE THE LEADERS!
(2) Gleaner M2 w/Cab, Air/Heat, 15' Grain & 4-Row Corn Heads, Low Hrs.
(2) Gleaner MKS w/13' Grain & 630 Corn Heads
Gleaner F2 Diesel w/Cab, Air, 13' Grain & 438 Corn Heads
Gleaner KKS w/Cab, 10' Grain & 238 Corn Heads, Excellent!!
Gleaner CII w/12' Grain & 438 Corn Heads
Gleaner E w/Cab, 10' Grain & 238 Corn Heads
Gleaner AII w/Cab & Both Heads
Gleaner AII w/12' Grain Head
JD 55 Special w/Cab, 12' Grain & 330 Corn Heads
JD 55 w/12' Grain & 338 Corn Heads
JD 45 w/Both Heads
JD 45 w/Grain Head
MF 35 Pull Type
IH 315 w/Cab, Grain & Corn Heads
NH 975 w/11' Grain & 238 Corn Heads
NI Uni-System 702 w/717 Combine, 4-Row Corn Hd.
NI 767 Chopper w/702, 2-Row Corn Head & 761 Pick Up Head

TRACTORS

JD 2030, EX!!!
JD 4010 D w/PS
JD 4010
JD 3010 D
JD 60
JD B
AC 7060 PS, w/Cab
AC 7040 PS, w/Cab
AC 7020 PS, w/Cab
AC WD45
AC WD
IH 460 D
Farmall 400
(2) MF 180 D
MM G1000 D
Case 1210 D

MANURE SPREADERS

NH 676, 325 BU.
NH 510, 160 BU.
(2) NI 218, 265 BU.
(2) NI 214, 206 BU.
NI 213, 170 BU.
Farmhand M165, 125 BU.
NH 365 Tank
(2) Hawk Bilt 207 Tank

TILLAGE

JD 13' Transport Disc
IH 13' Transport Disc
Oliver 6B Spring Tooth Plow
AC 80 Series 4B Mtd., 3 pt. Plow
Brady 10 Tooth Chisel Plow, w/Gauge Wheels, Like New!
Vicon 14' Power Harrow, Demo!

Check Our Lot For Good USED TRACTORS, COMBINES, and TILLAGE TOOLS!

Most Units Qualify You For:
-- Low Finance
OR
-- TPD Waiver 'Till 6/1/85 (Tractors & Combines)

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Do Your 1 Stop Christmas Shopping Here . . . .

AC Toys Here
We Have Toys For Big And Small

1 FARM EQUIPMENT

(Combines on our lot)
1981 JD 6620 Side Hill, 1 owner fully equipped, used 400 hrs., like new.
Used JD 6620 L.L. one owner Hydro fully eq.; Used 1980 JD 6620 side hill 1 owner fully Eq., real nice.
New Int. 1420 Axial Flow. New 820 Flex Head.
Used NH TR70 Hydro w/15 ft. flex & 6 row; 1977 JD 4400 Dsl. cab and air real nice; 1975 JD 6600 D rotary screen, good cond.
1977 JD 6600 Side Hill Hydro, one owner w/heads.
JD 6600 D w&643 or 444 Cornheads. 1976 Gleaner FD w/C.A., 1976 Int. 915 D w/810 grain head, $15,900.00; 1979 MF 550D, excel. w/grain and corn heads. 1975-MF 510 D hydra. w/grain and 43 corn heads.
MF 410 D w/cab & Q.T. Grain Head.
1969 MF 510 D, cab & 2 heads.
MF 300 w/cab & 2 heads for $2900.
1969 JD 55 sq. back corn special w/cab and 2 heads; Int. 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.
Int. 815 Gas w/Grain & 744 C.H.
JD 40 w/10 ft. grain & 205 C.H.
COMING IN - Used Int. 1460 Axial Flow.
M & W Continuous Flow Dryer.
M & W 500 Bushel Grain Cart w/Tandem Wheels, Like New.
NI 702 Uni w/727 Husking Bed.
NI 7720 w/Fire Damaged Cab.
(Financing Available Also Lease Financing Available On Combines & Tractors).
We have 3 NI Uni 729 A shellers from $1500.00.
Tractors & Equipment Just Traded & Purchased - Int. 5488 w/Radial Dual Tires, like new. Ford 9600 C.A., nice. Ford 7600 w/Dual Power, Real Nice. JD 2940 w/400 hrs., $16,250. JD 4030 C.A., original, real nice; JD 4320 w/Cab. JD 2940 w/4 Whl. Drive & 38" Whls, like new. New JD 4400 SG, Cab, Quad; Used JD 4440; C.A. PS, original, real nice; Agri Power-9600 - 115 HP; by Fiat used 80 hrs., like new; Farmall 786, like new; AC 7045 C.A., like new; Farmall 1566 C.A., black stripe; MF 1080 D, real nice, $6800.00; New JD 6 - row conservation planter w/liquid fert., inst., & monitor; Price for $12,900.00. JD 4020 w/WF, 2 valves, new motor & original paint; JD Loader; JD 2940 w/RG canopy. Int. 656 utility D. w/2250 Loader. 1066 red cab & air, original, real nice. Farmall 186 Hydro Cab & Air; 706 Gas WF, TA, FH, Original. IH 3788 2+2, used 700 hrs.; IH 3588 2+2 w/800 hrs.; Farmall 656 D, WF, TA, motor rebuilt; White 4-150-4 WD for $11,900.00; JD 4020 side console, Farmall 656 Hydro D., real good; Case 1030 D. New MC 7' for $3900.00; Int. 400 4 row cyclo planter w/no-til.
Balers JD 336 twine w/thrower, real nice. JD 336 wire w/thrower. We have 4 JD 336 Balers to pick from. JD 410 Round Baler, real nice; JD 500 Round Baler, $4,400.00. NI-456 Round Baler. NH 852 Round Baler. NH 472 - 7 ft. Haybine, like new, $4,575.00; NH 477 haybine, 7 ft.
JD 660 Rake w/Front Whl. NH 258.
Hay Equipment Specials Haybines. Used Hesston 1014 Hydro; Swing, 12'. NH 495 12'. Int. 990 9' late model. JD 1209 for $1800.00. Int. 1190 for $2,475.00. New NH 489; Haybine for $7,550.00; Used Int. 990 - 7 ft. Haybine, nice.
JD 336 Baler /Thrower for $3900.00.
NH 273 Baler w/Thrower.
MC 9' rotary scythe, $1250.00. NI 279 cut/ditioner, $1500.00. NI 7' cut/ditioner, $1200.00 & UP.
Balers: NH 269 w/Thrower, $1250.00.
NH 320, looks like new; w/new 70 NH Thrower for $6950.00. JD 466, a real nice big baler. NH 273 w/Thrower. Lely Hay Tedder.
Int. 100 Dyna Bal. 3 pt. Sickle mower. JD 350 3 pt. Sickle Mower. MF Dyna Bal. Mower. NH 258 Rake w/Front Whl., like new.
TRACTORS AND EQUIP. JUST PURCHASED. New JD 2950, 2750. 4250 C.A. P.S. Used JD 4240 C.A. Quad.
New JD 4240 C.A. and P. Shift, JD 4620 w/Cab and new tires, real nice, JD 4640 C.A., PS, 20×38 tires, w/Dual Wheels, fully equipped, 800 hrs., like new, $35,800.00. Used JD 2640 w/Hi-Lo dual hydraulic, $9,875.00. JD 2010 gas, $1,775.00. Farmall 1586 C.A., 3 valves, & Dual Wheels. Farmall 1086 C.A. Farmall 886 w/Cab and 18×38 tires like new. Super A w/2 Way Plow, fully eq., excel. cond.. Case 930 D, original. Case 1030 D. JD 3010 gas. New A.C. 8050 PS w/Radial Tires, list 56, cost 44, our price, $34,850.00. New AC 6080 Diesel.
Used JD 4040 w/R.G. and QR, nice. JD 4630 cab, air, PS, w/Front whl. drive. JD 6030 C.A., duals, all original. Farmall 1586 C.A., real nice. Farmall 1486 C.A., w/Radial Tires, real nice, one local owner. Int. 784 Utility D. 1066 Hydro original. Farmall 706 Gas, WF and 3 pt.. 766, original. NI 325 picker w/sheller like new. NI 325 picker w/12 roll bed. NI 324 Picker w/12 roll bed. Case 1370 C.A., PS, factory duals and full wts., $13,500.00.
NI Combines, Just Dealt. NI 702 late model w/Heavy axle & High Screens w/729 A Sheller. 743 - 3 row Quick Tach C.H., real nice & Field Ready. Late NI 717 Combine w/13 ft. grain, (SOLD). NI 738 4R N CH. NI 10 ft. direct cut head. NI 3 row 30" Silage Head.
NI 705 Uni D w/729 A Sheller & 3 Row C.H. NI 702D w/Burned Motor.
NI 713 Q Tach Grain Head.
MF 1135 CA MP, real nice. Farmall 1468 C.A., $8,850.00.
Farmall 886 w/R.G., 560 D w/F.H.. Nice 756 D WF and F.H., nice, original. 756 D WF 3 pt.. Int. 656 utility D, nice, original.
Int. 574 Utility D, w/New Tires.
Int. 444 Utility w/Hydraulic Loader. Farmall 460 Gas, TA, FH tor $1975.00.
2 Used NI 323 1 Row Picker, Real Nice, $2250.
AC 7010 C.A., P.S., 20:8×38 tires, full wts., light package looks like new.
Farmall 656 Gas. JD 730 D, nice. JD 620 w/PS. JD B.
Used NH Tandem Rake Hitch.
New Holland 1010 Bale Wagon.
1971 JD 4020 S.C. w/Power Shift; JD 2510, Gas, Real Good. 4010 Gas.
JD 4020 S.C., P.S. JD 730 Gas. JD 530 w/PS & 3 pt. JD 4030 4 Post w/Quad & good tires. 1971 JD 3020 D, WF, P. Shift w/2 Valves. JD 3020 Diesel, $5,450.00. JD 2010 D, real nice. JD 2010, gas, nice. JD 630 w/PS & 3 pt. PT. 4020 D WF, DL and 2 values w/Cab. JD 4020 D WF, PS. JD 6030 C.A., real nice. JD 3010 Tri Gas. Farmalls 1586 4 Post R.G. w/Duals. 1206, extra nice.
Int. 606 w/Loader. MF 175D w/R.G.
Int. 300 Utility.
Farmall 300 w/TA & FH.
Farmall Super M w/Myers Snow Plow. Farmall 450 Gas w/WF, PS, TA, FH.
Int. 84 Hydro D.
JD 4020 D., WF, PS and diff lock). (Harvesters). NH 890 w/3 row 30" C.H. 2 row snapperhead and pickup head.
NI 325 Picker w/12 Roll Bed, (SOLD).
Used Fahr Rotary 7 ft. Haybine. Glenco SS9 Soil Saver. JD 210 14 ft. Disc. Hesston 30 Stakhand.
CHISEL PLOWS. New Ford 13 ft. 3 pt. w/Gauge Whls.
Used Grim 4 star hay tedders.
NEW NI 406 Rake w/Front Whl, $2,275.00.
Grinder Mixers. NH 357 for $3850.00. NH 355, like new. Gehl 95, real nice.
New AC 7010 w/20 sp. trans. JD 4020 S.C. w/Cab. MF 1135 w/Cab.
Farmall M Diesel w/PS. M & W PTo & Dual Hydraulic.
We have 3-Farmall M's & Farmall H.
TRACTORS & EQUIP. Farmall 1566 w/Cab and duals.
Case 1410 D, nice, $7900.00.
Cub 184 w/3 pt., like new. 682, 128, 125. JD 317, 314, 210.
New John Deeres 4240 cab & air, QR for $30,000.00. New JD 4440 C.A., QR w/Radial 20×38 tires. Local Trade Ins. Used JD 4230 CA, QR. 4020 side console equipment.
Corn Heads JD 643, 444, 244, 843, 343, 443, 313 for 45C, 235. Massey Ferguson 1163. 63, 43, 44, 24, 222, 422. Gleaner L438, K238, F335, F330, M430. Int. 863, 864, 844, 744, 843, 227. NI 4 row 40" heads. Case 4 row 40". MF 43 Lo Profile. NH 4 row 38" C.H. New JD 444, $688875.00. JD 443, used 2 seasons. Late Model 643 JD Cornheads. New JD 443 CH for $9500.00. Gleaner A430 for F2. JD 435 for 95 Combine. 40 corn heads on lot.
New Int. 810 13 ft. grain head.
Used Int. 820 16' flex grain head.
Used JD 215 Flex Grain Head. 3 Used JD 13' Grain Head.
2 Used MF 63 C Corn Heads to pick from, (SOLD). 4 used 810 Int. 13 to 16 ft. reg. and floating heads.
(New Farmalls). 5088 C.A. for $34,850.00. New 3688 fully eq., $30,000.00.
(Used Farmalls). 966 original. 1206, real nice. We have 4 JD 4020 side console diesels. 1970 JD 5020, $6950.00. Ford TW20 w/Cab w/220 Hrs., Damaged.
Case Used 2590, fully eq., cab, air, PS, dual whl., 900 hrs., for $23,900.00.
New Case 1490, w/Heavy Case Loader.
AC D 17 dual IV w/3 pt. JD 4230 w/Rops. 1971 JD 3020, SC, PS, DL, +2 valves.
TRACTORS. Farmall 544, Gas, WF. Farmall 706 D, WF & 3 pt.
1971 JD 4020, original. Case 1070, PS, $6875.00. JD 4010 Tri D. Farmall 766.
Long 910 D.
CULTIVATORS - New Case 3 pt., 8 row Hydro fold. JD 4 row & JD 6 row rear.
CORN PICKERS. 2 Used NI 325 w/12 roll bed, current model. Used NI 325 w/8 Roll Beds. (2) NI 324 w/12 roll bed. (325 N. w/Sheller). NI 3 row 30" Picker w/Super Sheller. New Idea Shellers and Super Shellers. NI 2 row N. w/Grinder.
NI 323, 1 Row, Like New.
NI 324 w/8 roll bed. NI 324 w/Super Sheller. NI 325 w/Regular Sheller, nice.
New NI 324 Picker w/Super Sheller List, $15,390. Special $8,475.00. NI 319 Mtd. Picker w/Sheller. JD 237 w/Multi Lubes & Sheller Available.
Mounted Pickers. NI 305, 2 row for M, 450, 560 & JD 3020. Int. 234 for 560-656 & JD 3020. JD 237 for A, 620, 3010.
NI 727 Uni Husking Beds.
JD 4020 w/58 Loader. JD 4320 w/Cab.
560 D w/F.H., nice.
Farmall 1568 w/Cab & air, used 1000 hrs. 1566 w/cab. 1466 w/Cab. 886 w/Cab, 800 hrs., like new. 856 w/38" tires, very nice. Farmall 756 Gas. Hi Crop 656 Diesel, Hi Crop.
HARVESTERS. Int. 830 w/2 row, 30", C.H., w/Electric Controls, 2 yrs. old, like new, $7,800.00. Int. 830 w/3 row 30" C.H., fully equipped, $6,800.00. Fox Super D SP Chopper w/2 row.
JD 3960 Fully Eq. w/Controls also 7½ ft. pickup head. Also 243 C.H. w/Adapter Plate for Chopper.
Used JD 3940 w/Elect. Controls. 2 row N.C.H. & Pickup Head. JD 3800 w/2 row C.H. for $2850.00. Fox 3310 w/3 row 30" C.H. NH 890 w/3 row 30". 2 NH 890 2 row 38" cornheads. NH 770 w/2 row 30". Fox 2 row Snapper Head. NH 770 1 Row Snapper C.H. NH 890, 2 new Snapper Head. Fox 2 row 30" Silage Head. JD 1 row Snapper Head for 38 & 3800. JD 4 row Stalker Head, like new.
New JD 5½'. Used JD 5½' Pickup Header.
Int. 650 Chopper w/2 row C.H.
Gehl Recutter Blower.
ALLIS CHALMERS 7040 w/Cab, power shift, like new, low hrs. 210 w/new 20.8×38 tires. AC H3 Crawler w/Blade and winch.
2 JD 4 wheel drives, 8630, fully eq. w/duals & 7520, fully eq., w/Duals.
FARMALLS. Used 686 w/Cab & Air. 806 w/3 pt. & 38" wheels. Farmall 656 Diesel & 656 gas. Farmall 826 Hydro D.
Farmall 450 gas w/PS & FH.
New White 2-65 w/Front Whl. Drive and new 1730 Loader, List $29,000.00.
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New White 2-105 w/Cab, $22,850.00.
MASSEY FERGUSON 1155, cab & air, M.P. for $8850.00. MF 184, 4 Wheel Drive. MF 175 D. MF 85 D, w/new Tires. MF 1155 w/C.A. M.P. MF 1130 for $6,250.00. MF 1080D. MF 90D. Oliver 1950T w/Cab for $5,975.00. 2050, 1855, Diesel for $6,000.00. Oliver 1650 w/over & under shift. MM Vista 1000 w/cab and loader.
Farmall 706 German D w/cab. JD 2520D. MF 1135 w/R.G. and dual wheels. NH 890 2 row snapper head.
Fords 5000 D. Small tractor just traded.
Ford 860 w/Loader. JD 2010 D, real nice.
AC 5030 w/3 pt., used 270 hrs. AC 185 D, needs motor work. JD A w/PS, excellent.
IND. EQUIPMENT. Int. 500 E Crawler Loader w/270 hrs., like new. Cat 933 crawler loader.
Cat 951 C Loader w/Rops, real good.
JD 350 Crawler Loader.
AC 600 21 ft. Forklift.
New JD 60 Skid Loader w/2 Buckets.
Case 1537 Skid Loader.
Mechanics Specials. JD 3010 Gas.
Farmall 1256, needs motor work.
Ford 5000 Tri D., needs motor work.
Case 1212 D.
Case 1410. Farmall 706 gas, needs trans. work, $2700.00.
Planters. Used Int. 800 6 row air planter w/dry & monitor. New JD 6 row Conserv. no-til w/dry insect and monitor for $12,800.00. Used JD 7000 4 Row 30" & WR, like new. New & Used JD No Til Planter Coulters. JD 7000 6 row plate w/fert. inst. JD 1460 6 row no-til liquid plateless Inst., $1975.00.
AC 12 row No-Til Soybean Planter. Oliver 6 row no-til w/dry fert., inst., fert. fill and population monitor.
JD 1280 8 row planter.
Cabs for JD and Int. 86 series Tractors.
3 new full vision cabs for MF 165 thru 1135. Glenco 12 ft. 9" Soil Finisher, like new.
Glenco SS9 & SS7 Soil Savers. Brillion 9 ft. chisel plow. Brady 14 ft. pull chisel plow w/Buster Bar.
Athens and Bush Hog 12 ft. and chisel plows.
Miller 12 ft. offset disk, JD Disks 210, 12×14 ft. New Westfield grain augers 41 ft. 8" KD=$1395.00, 56 ft. 8" KD=$1995.00.
Used Danuser Post Hole Diggers.
New JD Front Dozer Blade for 4520 thru 4620, 4430 and 4640.
2 NH 38 Flail Chopper, like new.
NI Hay Conditioner.
Used Brillion, 8' Packer Seeders. Used Century 400 gal. Sprayer.
New 8 ft., heavy duty 3 pt. blades.
JD 6 & 8 row front cult. New 15 ft. rotary cutter. Oliver 3× Rollover.
PLOWS. JD 5× Hyd. JD 2500, 6×18 sp. reset. Int. 700 6×16 sp. reset w/colters, etc. for $2650.00. Ford 5X sp. reset. Oliver 4×16 Rollover. JD 3×16 Rollover. Ford 2X Rollover, like new. AC 6X Reset Plow. AC 3 pt. 5×14 Used Chisel Plows. Brady 12 ft. & 10 ft. Chisel Plow. New IH 3 pt. Field Cult. 12'. Used 3 pt. Bush Hog 7 Shank V-Ripper. Bestland Rock Picker. New Johnson Loader.
NI 214 Flail Spreader w/Endgate, Nice.
NI 4 row Stalk Shredder.
Used Brillion 21' Hyd. fold cultimulcher.
Used Brillion 13' roller harrow. JD 3 pt. 1&3. Shank Sub Soilers.
JD 111 = 10' Disk. Int. 370 10' Disk. Brillion Field Cult.
Int. 480 20' Fold Disk.
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Howard 13 ft. rotovator.
New 12 ft. 3 pt. field cultivator.
New Landoll 24 ft. hydraulic fold chisel plow.
Used Chisel Plows 3 pt. JD 1610 12 ft. Athens 10 ft. Int. 11 ft.
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Straw choppers for combines. JD 4400, 7700, 6600. MF 510, 550.
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JD 8300 21×7 DD Grain Drill w/Soy Bean Attach. Used 100 acres, like new.
JD 8300 21×7 D.D., $3450.00.
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Int. 510 16×7 w/fert. & grass seed.
Int. 510 16×7 grain drill.
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Loaders. New Int. 2355. JD 148, 58, 48, 46A Loader. Int. 2250, 2050. Int. set of forks, like new. Int. 2000 Loader. 1 Int. 2001 Loader, new. Great Bend Loader, 3 pt. hitch for 630 and 730 JD Tractor. New and Used JD Quick Couplers.
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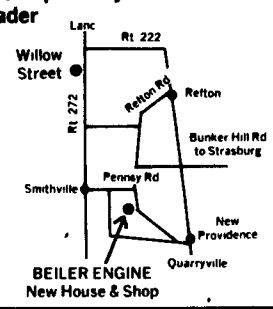

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HAY EQUIPMENT
N.H. 469 Haybine
N.H. 479 Haybine (nice)
N.H. 489 Haybine
I.H. 1190 Haybine (1 yr. old)
N.H. 495 Haybine
J.D. SOLD Baler
N.I. 456 Round Baler

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Gleaner KKS Combine (1976) w/10 ft. Grain Head
MF 300 Combine w/Cab & 10 ft. Grain Head
MF 300 Diesel w/10 Ft. Head And 2-Row Cornhead
AC 238 (2 Row) Corn Head
MF QT24 (2 Row) Corn Head
M.H. 82 Combine w/ 12 ft. Header

MISC.
N.H. 357 Grinder Mixer (nice)
N.H. 354 Grinder Mixer
Model 200 Automatic Roller Mill

FORAGE
N.H. #707 Forage Harvester w/Pickup & Corn Head
IH 650 Forage Harvester w/Pickup & 2 Row Wide Head
IH 550 Forage Harvester w/Heads
N.H. Super 23 Forage Blower
N.H. 880 R2 Cornhead
N.H. 880 N2 Cornhead
N.H. 770 R2 Cornhead
N.H. 890 W pickup
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N.H. #SOLD il Chopper

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N.I. 324 SOLD Row Wide
N.I. 319-323 SOLD 2-Row Mtd. (Nice & Clean)
N.I. 323 1-Row Picker
Int. 234 2-Row Mtd. Picker

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702D Uni Tractor w/Cab
702 Gas Uni Tractor w/Cab
767 Uni Super Chopper
(2) 760 Uni Chopper
(4) 766 Uni Pickup Heads
763 3-Row Narrow Chopper Head
(2) 762-Uni (2 Row) Chopper Heads
724 (3 Row Wide) Stripper Head
717 Combine w/13 ft. Grain Head
729A Sheller
713S 13 ft. Flex Grain Head

MANURE SPREADERS
N.H. 519 Spreader w/2 Beaters
N.I. 218 Spreader w/Hyd. Endgate
N.I. 214/216 Spreader w/Flail Att. and Hyd. Endgate
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N.H. 518 Spreader w/2B

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AC 180
AC 6080
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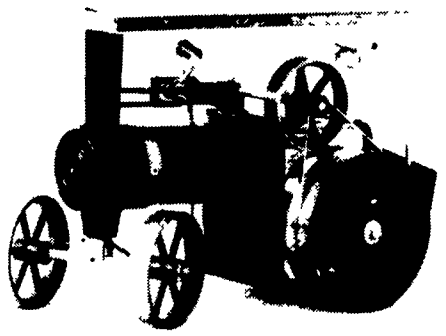

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JD 415 Rotary Hoe
JD 327 Baler w/30 Ejector
JD 430 Round Baler
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JD 240 Loader w/73" Bucket
JD 716A Forage Box
JD 506 Rotary Cutter

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IH 243 Picker Sheller
NI Forage Blower
JD 640 Rake w/Front Wheel
JD F130 4-14" Bottom Plow
JD "B" Tractor
JD 2030 D Utility Tractor
JD 24T Baler w/No. 2 Ejector
JD 1209 Mower Cond.
NH 495 12' Haybine
(2) NH 479 Haybine
Owatonna SP Mower Conditioner
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AC 600 4 Row Liquid Planter
JD Model 350 - 5 Bottom Plow
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NH 456 Mower		$2470
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NH 782 Harvester, Metal Detector (Demo)		
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NH 770W Pickup Head		$1925
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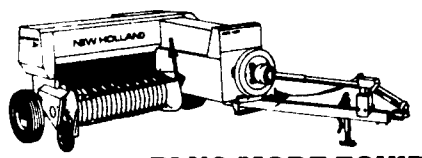
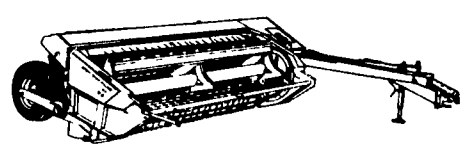
NH 355 Grinder Mixer, Hydraulic Drive		$7430
NH 425 Skid Loader 60" Bucket, 10:50 Tires		$12,675





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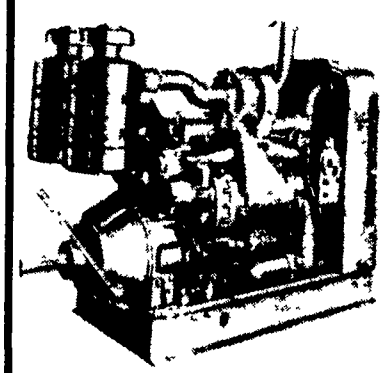

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IH 56 4R Planter
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MF 3B 14" Mtd Plow
NI 109 Fertz Spreader
Ford 2 Row Cultivator
Hesston PT 10 Windrower
Hesston 1014 Windrower
MM 3496 Combine, Cab, 2R Head, 12' Grain Head
1068 Haybuster No-Till Drill (Demo)
Fox 728 2R Corn Head
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- 1977 MF 750 Hydro with Grain Saver $26,000
- 1976 MF 750 Hydro with Chopper $27,000
- 1975 MF 760 Hydro V8 .. $24,000
- 1975 MF 750 Hydro $22,000
- 1975 JD 3300 Diesel with 13 ft. Grain & 2 Row Corn Head $17,500
- JD 343 Corn Head 3 Row 30" $3,000
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- 1975 MF 760 Hydro V8 .. $24,000
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- 1972 MF 300 Gas $8,500
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- 1968 MF 510 Diesel Hydro $12,500
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- 1966 MF 510 Gas with Floating Cutter Bar $4,800
- 1965 MF 410 Diesel $4,500
- 1974 MF 300 Gas $8,700
- 1964 AC CII Gleaner with Corn & Grain Head $4,500
- 1960 AC A Gleaner $1,500
- JD 45 with Corn Head $1,500
- IH 303 with Grain & Corn Head $1,500
- MH 82 with 10 ft. Grain Head $1,200

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- NH 707 Harvester..... $1,400
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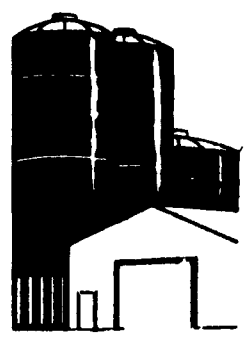

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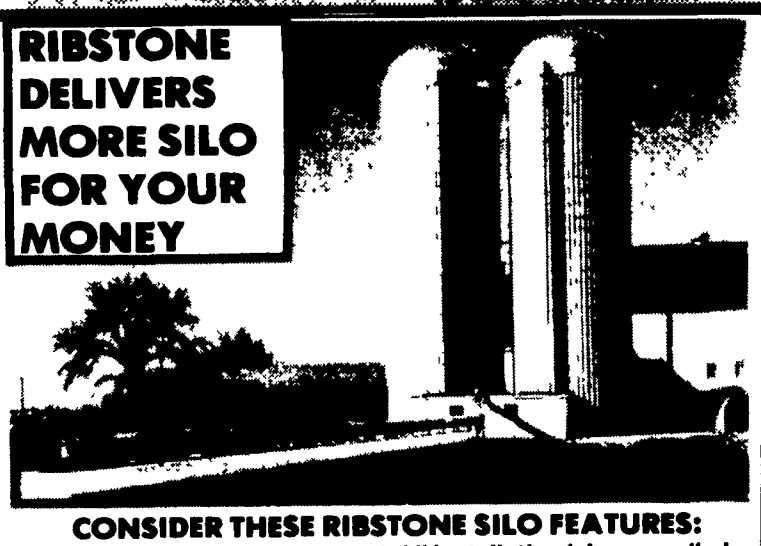

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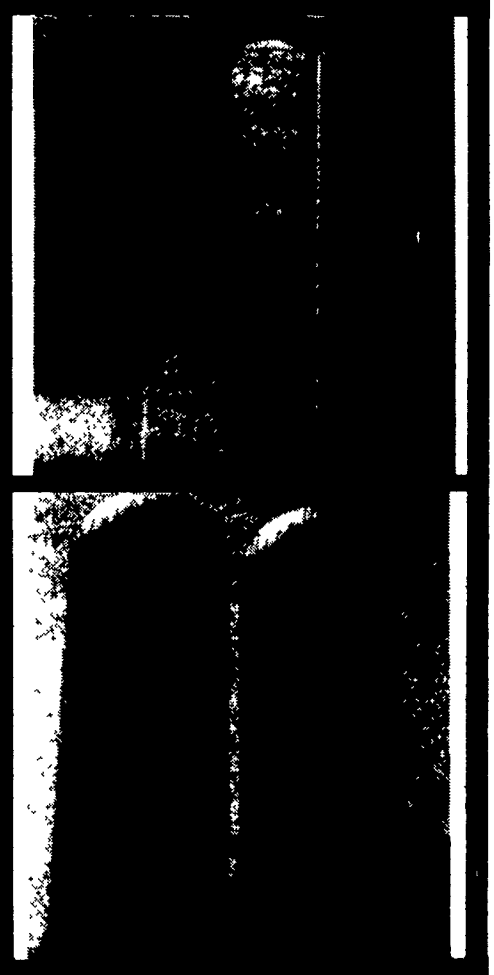

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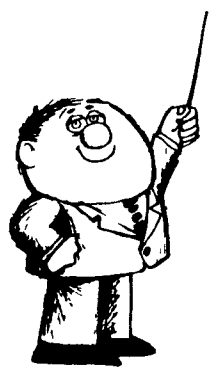

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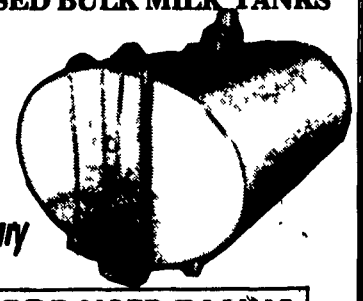

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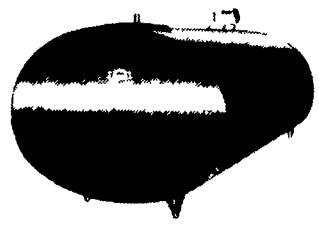

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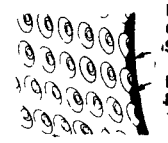

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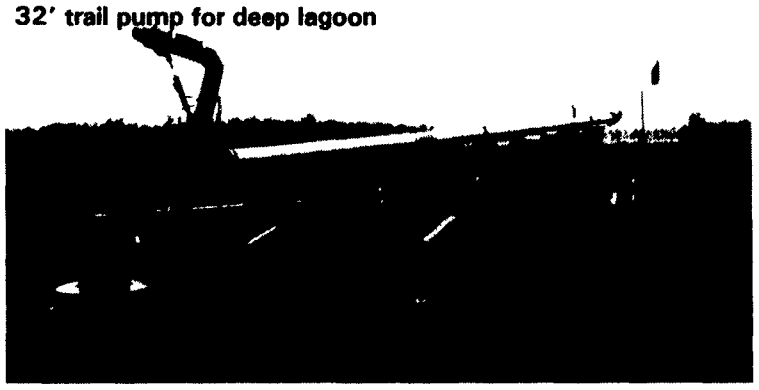

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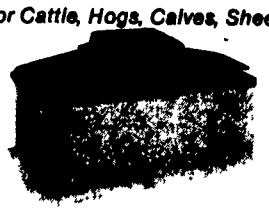

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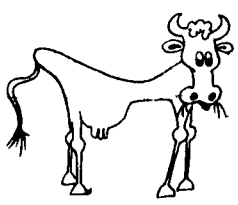

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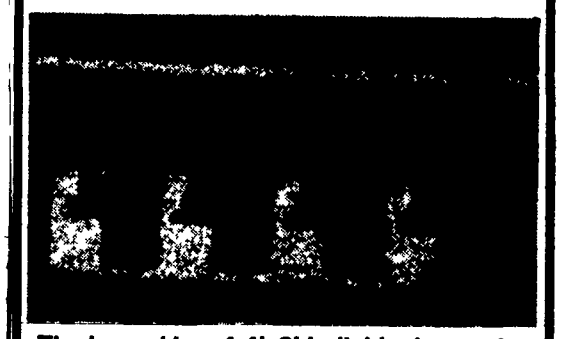

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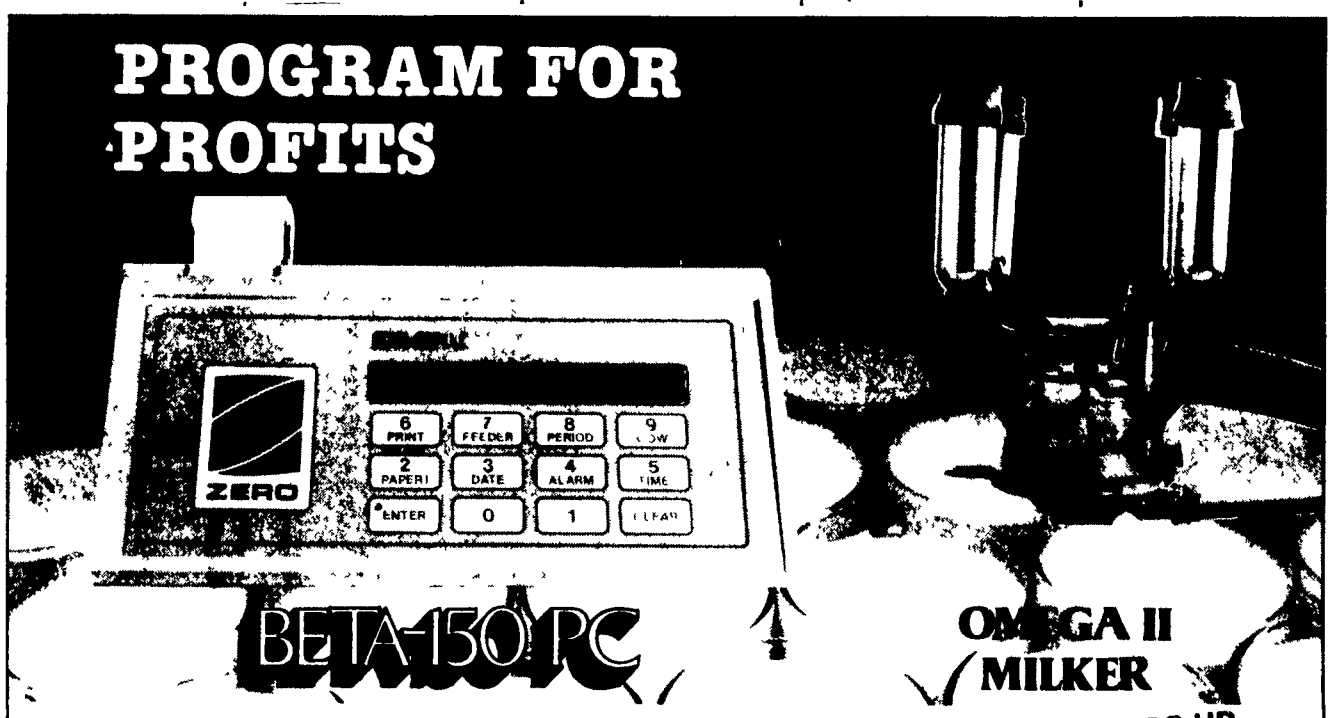

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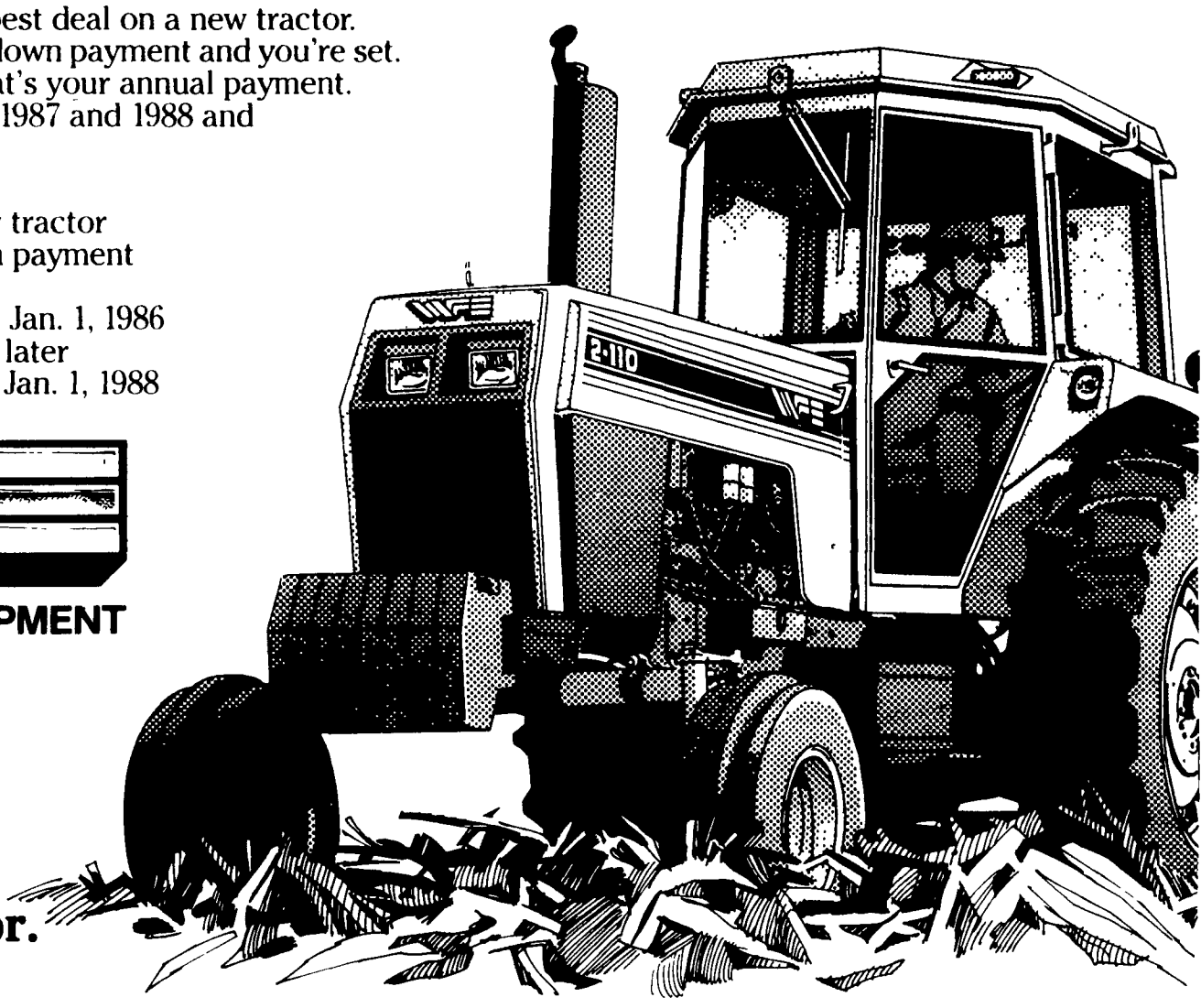

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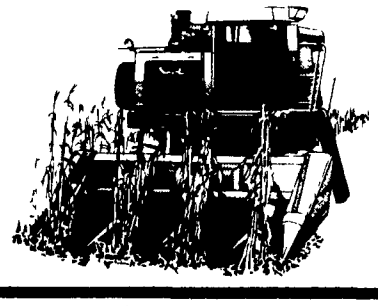

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